
60. TeaP 2018

Programme

of the 60th Conference of Experimental Psychologists

Edited by Alexander C. Schütz, Anna Schubö, Dominik Endres, Harald Lachnit

March, 11th to 14th

Marburg, Germany

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Printing: KM-Druck, 64823 Groß-Umstadt, Germany

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Preface

We are pleased to welcome all of you to the 60th Conference of Experimental Psychologists (also known as Tagung experimentell arbeitender Psychologen, TeaP). It's an honour to host this meeting at the University of Marburg for the 7th time already. Six decades ago, the founder of the TeaP, Heinrich Düker, met with about 30 like-minded scientist to boost the rebirth of Experimental Psychology in order to make it visible again in the German-speaking world after its decline having been enforced by National Socialists.

This first "get-together" in 1959 developed into a full-fledged scientific conference. As a challenge cup it was handed over to another location year after year without interruption, returning to its birthplace every decade. In the course of all these years the TeaP flourished magnificently. Thirty years after its foundation, the number of contributions already had increased to 300. Today, another 30 years later, we count about 600 talks and posters.

In these nearly 60 years, Experimental Psychology succeeded to get out of its niche existence in teaching and research in the German-speaking world of the fifties. It developed again and returned to the international arena as a visible and recognized player. Nowadays, however, the German language no longer is the mother tongue of psychology. This is also reflected in the development of the TeaP: since 2012 the official conference language is English. Last but not least, 40 years ago the European Conference on Visual Perception (ECVP), also founded in Marburg as an offshoot of the TeaP, has since grown into an institution of its own.

This year's programme, with about 600 contributions (3 keynote lectures, 387 talks, and 204 posters) illustrates a wide variety of topics covering nearly all areas of Experimental Psychology, although the main focus is still on General Psychology.

The organization of a meeting of this magnitude requires support of many sides. We sincerely thank all of our supporters: without their commitment the 60th TeaP could not have taken place in its present form.

Marburg, March 2018

Alexander C. Schütz, Anna Schubö, Dominik Endres, Harald Lachnit

General information

Hosts and organizers

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We would like to thank our student assistants, graduate and undergraduate students who will be available throughout the conference to answer questions, solve unexpected problems and generally make sure that things run smoothly.

Conference venue

The keynotes and the oral and poster sessions take place in the Hörsaalgebäude (Biegenstraße 14, 35037 Marburg). Please refer to pages 11ff and the back page for detailed maps.

Conference office

The conference office can be found in room 00/0080, straight and then on the left from the main entrance. It is open from Monday to Wednesday, from 8:00 to 18:00. You can also register for the conference during the pre-conference welcome evening (page 8).

Conference name badge

Participants are kindly asked to wear the conference badge at all times during the conference. Participants who booked the conference dinner will find a voucher in their conference bag. Please make sure to take your voucher to the Conference Dinner where it will be collected by the staff.

Certificate of attendance

The certificate of attendance will be provided on-site when registering for the conference.

WiFi internet access

The University of Marburg provides free wireless internet access for TeaP 2018 participants. You can use **eduroam** (recommended) or **UMRnet_guest** (for participants without eduroam access).

If your home institution participates in the **eduroam** project (<http://www.eduroam.org>): (1) connect to the wireless network with SSID eduroam, (2) on request enter your username@institution (e.g., username@your-university.xy) and password from your home institution, (3) and accept the eduroam certificate.

If you do not have access to eduroam, you can connect via **UMRnet_guest**: (1) ask for a personal username and password in the conference office, (2) connect to the wireless network with SSID UMRnet_guest, (3) on request enter the personal username and password. Please use this network only if you cannot use eduroam because there is a limited number of connections for UMRnet_guest.

General information

Coffee breaks

Coffee, tea, soft drinks and snacks will be served at different places in the Hörsaalgebäude during the official coffee break times (10:00 and 15:00 on Monday & Tuesday, 10:00 on Wednesday).

Cafeteria (Mensa)

The university cafeteria is in walking distance (about 6 min) south of the Hörsaalgebäude on the other side of the Lahn (page 12). Food tickets for the cafeteria can be purchased in the conference office. In addition several restaurants are in walking distance of the Hörsaalgebäude (page 11).

Prices and tips

Menu prices usually include service and taxes. In restaurants, a tip of approximately 5-10% is appreciated.

Important phone numbers

Emergency number 112

Police 110

Pharmacy

The nearest pharmacy is located on Biegenstraße 44 (+49 6421 65651, open: Mon-Fri 8:00 –18:30, Sat 10:00 – 13:00). For telephone information about the 24-hour pharmacy standby service call 0800 0022833 from a landline or 22833 from a cell phone.

Smoking

Due to the non-smoking policy in public buildings, smoking is prohibited in all congress venues. There are some smoking areas in the front of the main building.

Tourist info

The tourist info is located in the Erwin-Piscator-Haus at Biegenstraße 15, just opposite of the Hörsaalgebäude (+49 6421 99120; open: Mon-Fri 9:00 – 18:00, Sat 10:00 – 14:00; <https://www.marburg-tourismus.de/>).

Information for presenters

Language of presentations

The official conference language is English, but some presentations will be also given in German. To avoid possible confusion, the actual language of oral presentations and posters must conform to the language of the abstract that was accepted for presentation.

Symposia and talk sessions

Symposium convenors and session chairs are asked to strictly keep to the schedule of the sessions. Each talk (including discussion) is allocated a time slot of 15 minutes. We recommend that presentations last 12 minutes followed by one or two questions. In some cases, it might be possible to present for 15 minutes and to postpone the discussion until the end of the session. This is possibly an option for those symposia in which a concluding discussion is planned. Symposium convenors and session chairs should feel free to use the number displays on the last pages of this program to inform the speaker about the remaining minutes.

Oral presentations

Each talk (including discussion) is allocated a time slot of 15 minutes. We recommend that presentations last 12 minutes followed by one or two questions. Computers for PowerPoint or PDF presentations are available in all lecture rooms. If you prepare a PowerPoint presentation, please make sure that it is compatible with **Microsoft PowerPoint 2013 for Windows**. It is recommended to use standard fonts for preparing the presentations to minimize the risk of distorted layout. If you need any particular additional equipment, please let us know in advance by contacting teap@uni-marburg.de.

Please make sure to transfer your presentation files to the respective computer in the lecture room at least 10 minutes before the start of your session, using a USB memory stick. Preferably, you should do this in the morning or in the break before the session. Ask the technical assistants in the lecture rooms for help. They will be present 30 minutes before each session and during the session. Note that a presentation with your own laptop computer is not possible.

Poster presentations

Poster presenters are asked to prepare their posters in **DIN A0 portrait format (900 mm x 1200 mm maximum)**. There will be three poster sessions, one on each day of the conference. The sessions take place in the 1st and 2nd floor of the Hörsaalgebäude from 15:00 to 17:00 on Monday and Tuesday and from 10:00 to 12:00 on Wednesday. The number of each poster within each session can be found in the program. The number of your poster has a letter at its beginning indicating whether it is scheduled for Monday (M), Tuesday (T) or Wednesday (W). The first number indicates whether it is located on the first (1) or the second floor (2), the second number indicates the individual poster board (1-40). Please put your posters up in the morning, thus making it possible for interested colleagues to view them all day. Pins are available in the main hall. During the actual poster sessions, the first author is expected to be available for requests and discussions. We also recommend preparation of handouts (miniature versions of the poster) for interested colleagues.

Special events

Keynote lectures

We are very pleased to welcome three outstanding keynote speakers to this year's TeaP conference. Mary Hayhoe (Austin, USA), Jan Theeuwes (Amsterdam, Netherlands) and Daniel Wolpert (Cambridge, UK).

Keynote lectures will take place in the Audimax (2nd floor of the Hörsaalgebäude) on each conference day, starting at 13:30 after the lunch break.

Pre-conference welcome evening with option to register

The traditional TeaP welcome evening will take place in the Hörsaalgebäude on Sunday from 18:00 – 22:00. A registration desk will allow you to register already one day before the start of the presentations on Monday morning. We will also serve drinks and snacks. Do not miss this opportunity to meet colleagues in this relaxed atmosphere.

Conference dinner

The Conference dinner (Gesellschaftsabend) will be held on Tuesday, March 13th, 19:00, at the Fürstensaal in the castle of Marburg (Schloss 1, 35037 Marburg). The conference dinner includes a buffet, accompanied by live-piano music and a special guest.

The dinner will last until the venue closes at 23:00. Make sure to bring your **dinner voucher** with you. If you booked the dinner, the voucher will be provided in your conference bag, and it will be collected by students at the Fürstensaal.

How to get from the Hörsaalgebäude to the castle:

By foot (15 - 20 minutes): Leave the Hörsaalgebäude through the main entrance, turn right, leave the car park and turn right onto "Biegenstraße". Follow the road over a small bridge and cross the street "Pilgrimstein". The first staircase "Enge Gasse" is diagonally to the right. Follow the stairs to the shopping street "Wettergasse" and take the next staircase in front of you. Then go ahead towards the restaurant "Weinlädele". Between this restaurant and the bar "Pegasus" there is the next staircase. After climbing the stairs just follow the road uphill, reach the castle and enjoy the beautiful view over Marburg.

By bus: Leave the Hörsaalgebäude through the main entrance, turn right, leave the car park and turn left twice to get to the bus stop "Erwin Piscator Haus". Take bus 1, 2, 3, 4, 7, 15 or 383 until "Garten des Gedenkens", change to bus 10 ("Schloss", it's a smaller one) get off at the last stop. Bus 10 goes up the hill once an hour, so make sure to take the bus 18 minutes past the hour at "Garten des Gedenkens".

No-Data Session (in German)

Die Fachgruppe Allgemeine Psychologie greift mit der No-Data-Session ein Format wieder auf, das bei der TeaP 2015 in Hildesheim erstmalig eingeführt und dort sehr gut angenommen wurde. In der No-Data-Session stellen insbesondere Doktoranden und Doktorandinnen im frühen Stadium ihres Promotionsvorhabens ihre Vorhaben vor. In der Session haben sie die Gelegenheit, ihre experimentellen und theoretischen Ideen auf Deutsch zu präsentieren und mit einer Gruppe von Expert_innen und den anwesenden Interessierten zu diskutieren. Es werden i.d.R. noch keine eigenen Daten vorgestellt.

Poster-Award

The TeaP organizers, in cooperation with the DGPs section "Allgemeine Psychologie", will feature the Third TeaP Poster Award at the TeaP 2018.

TeaP attendees whose posters have been accepted for presentation at the TeaP 2018 and who are junior members of the DGPs section "Allgemeine Psychologie" (i.e., all student members and all associate and full members that do not have a tenure position) are eligible to apply for this award. Application deadline was February 28th 2018.

A committee consisting of experienced researchers from various fields will select three posters that are to be honored. Selection criteria are (1) scientific significance and rigor of the contribution, (2) comprehensibility of the poster, and (3) poster layout.

Awarded posters will be announced and honored at the TeaP 2018 on Wednesday at 13:30 before the keynote lecture.

Meeting of the Fachgruppe Allgemeine Psychologie in the DGPs (in German)

The annual meeting for members of the Fachgruppe Allgemeine Psychologie will take place in room 00/0020 on Monday, beginning 19:00. The meeting will be held in German.

Meeting of the DGPs young scientists

All graduate students, post-docs, and assistant professors are invited to join the meeting of the young scientists for social get-together with opportunities for an informal scientific exchange. We made a reservation for "Teap 2018."

When? Monday, March 12th, 21:00

Where? MARKET Cafe-Bar-Restaurant (Address: Markt 11, 35037 Marburg)

Carina Giesen & Jan Rummel

Introduction to lab.js: A free, open, online experiment builder

In this brief workshop, we will demonstrate lab.js, a free, graphical tool that makes building online (and laboratory-based) experiments easy. Using its visual interface, stimuli and studies can be designed without programming knowledge, though code can be added to customize studies further. During data collection, the browser-based runtime enables fast-paced stimulus presentation and accurate measurement of response times. Studies built with lab.js can be run on most web servers and integrated with questionnaire tools; they can be shared freely, archived, re-used and adapted, allowing open, cumulative science. We have applied lab.js not only in our research, but also in teaching, and provide extensive learning materials as well as a library of common paradigms and demonstrations. We would love to introduce you to lab.js and get you started – if you can, please be invited to bring your laptop.

The workshop will take place on Tuesday, March 13th, 17:00 - 18:30 in Room 02/0100

Felix Henninger

Exhibitors and sponsors



FGAP

Fachgruppe
Allgemeine Psychologie



SR Research



Philipps



Universität
Marburg

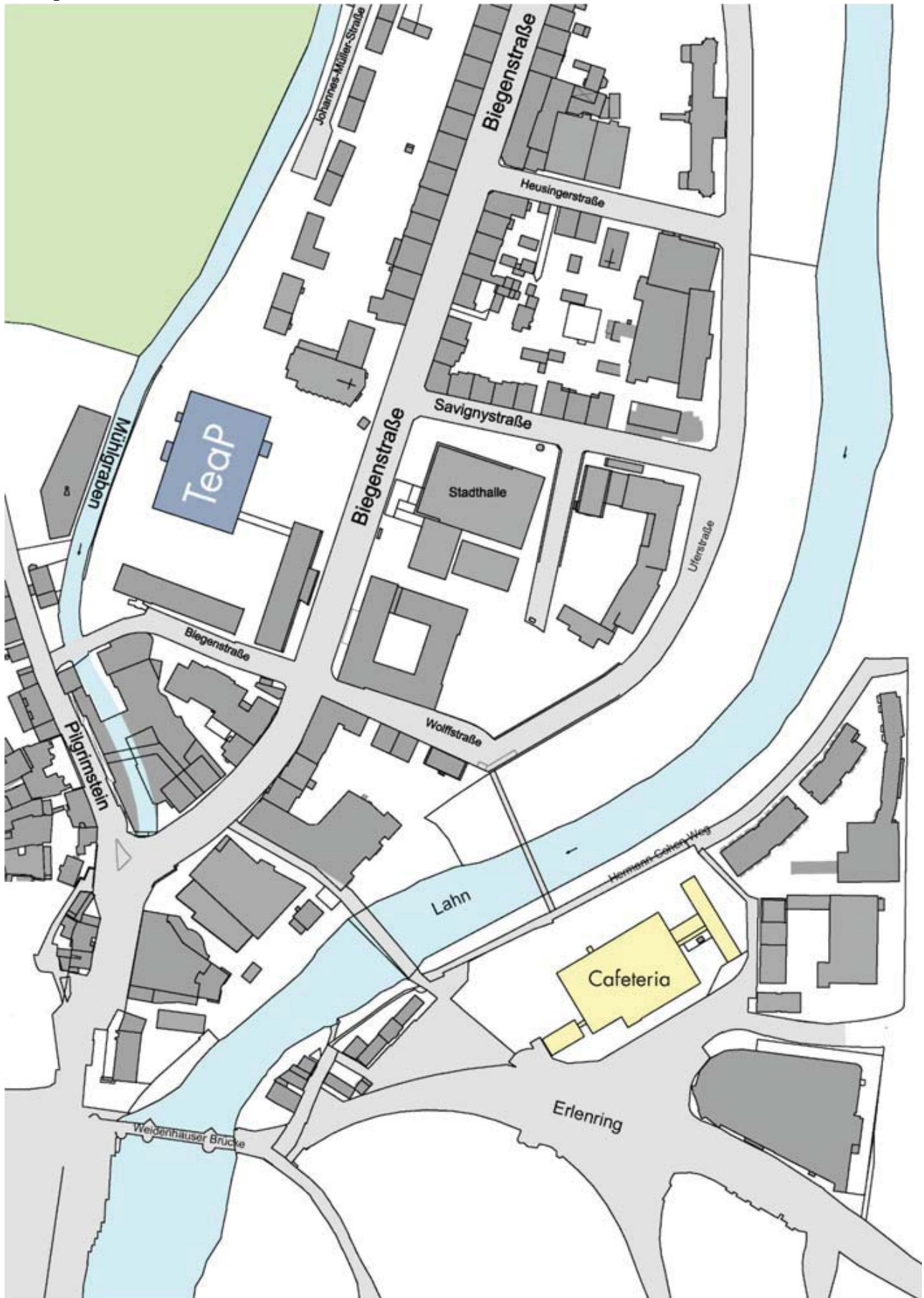


Food and drinks

Restaurant	Address	Phone	Cuisine	Price range
5 Jahreszeiten	Reitgasse 5	06421 8868988	International	€€
Bottega	Biegenstraße 15	06421 8407144	International	€€
Colosseo Ristorante & Pizza	Deutschhausstraße 35	06421 67899	Italian	€
Da Enzo	Steinweg 2	06421 8893190	Italian	€€
Del Castello	Markt 19	06421 25884	Italian	€
Dromedar	Am Grün 1	06421 1664299	African	€€
Edlunds	Markt 15	06421 1669318	Swedish	€€
Enchilada	Gerhard-Jahn-Platz 21	06421 1657845	Mexican	€€
Felix	Barfüßerstraße 28	06421 307336	American	€
Lahnterrasse	Lingelgasse 5	06421 6978000	International	€€
MarBurger	Gerhard-Jahn-Platz 11	06421 6970569	American	€€
Restaurant Ancho	Biegenstraße 19	06421 9528388	International	€€€
Restaurant Ratsschänke	Markt 3	06421 13834	German	€€
Tandoori	Biegenstraße 23	06421 690366	Indian	€€
Tapas&Co	Pilgrimstein 29	06421 992591	Mediterranean	€

Bar/ Cafe	Address	Phone	Price Range
1900	Barfüßerstraße 27	06421 27167	€
Barfuß	Barfüßerstraße 33	06421 25349	€
Brasserie	Reitgasse 8	06421 21992	€
Cafe am Markt	Markt 9	06421 25522	€€€
Early	Wettergasse 14	06421 992121	€
Hikari Gold Sushi-Bar	Erlenring 2	06421 9998783	€€
Hinkelstein	Markt 18	06421 24210	€
Konditorei Vetter	Reitgasse 4	06421 25888	€€€
Market	Markt 11	06421 164969	€
Maxx	Barfüßerstraße 55	06421 24266	€
Paprica	Reitgasse 12	06421 3400808	€
Ufercafe Gischler	Auf dem Wehr 1A	06421 8048467	€€
Weinlädele	Schloßstreppe 1	06421 14244	€€

Maps



Programme overview

Sunday, 11.03.2018		
18:00	Pre- conference welcome evening	
Monday, 12.03.2018		
08:30	Talk session	Lecture rooms
10:00	Coffee break	Main hall
10:30	Talk session	Lecture rooms
12:00	Lunch break	
13:30	Keynote lecture: Daniel Wolpert: Probabilistic models of sensorimotor control and decision making	Audimax
15:00	Coffee break	Main hall
15:00	Poster session	Main hall
17:00	Talk session	Lecture rooms
19:00	Sitzung "Fachgruppe Allgemeine Psychologie der Deutschen Gesellschaft für Psychologie"	00/0020
Tuesday, 13.03.2018		
08:30	Talk session	Lecture rooms
10:00	Coffee break	Main hall
10:30	Talk session	Lecture rooms
12:00	Lunch break	
13:30	Keynote lecture: Mary Hayhoe: Control of Attention in Natural Environments	Audimax
15:00	Coffee break	Main hall
15:00	Poster session	Main hall
17:00	Talk session	Lecture rooms
19:00	Conference dinner	Fürstensaal/Schloss
Wednesday, 14.03.2018		
08:30	Talk session	Lecture rooms
10:00	Coffee break	Main hall
10:00	Poster session	Main hall
12:00	Lunch break	
13:30	Poster-Award Ceremony Keynote lecture: Jan Theeuwes: Statistical learning drives visual selection	Audimax
15:00	Talk session	Lecture rooms
16:30	Concluding session	00/0020
17:00	End of conference	

* requires special ticket

00/0020	00/0030	00/0070	01/0010	01/0020	01/0030	01/0110	01/0120	02/0090
Monday, 8:30 - 10:00								
Perception: Auditory and Multisensory	Experimentelle Aesthetik/ Experimental Aesthetics I*	Reaching	Memory I	Investigating cognitive processes using mouse-tracking: Methodology, modeling, and applications I*	Ungeschützte Verkehrsteilnehmer*	No-Data Session *	Valuation	Methods
Frühholz	Jacobsen, Hübner	Schütz	Noack	Kieslich, Scherbaum	Huemer, Oehl, Sutter	Bermeitinger	Scheibehenne	Janczyk
Monday, 10:30 - 12:00								
Multisensory processing (and more or less neglected senses): Symposium powered by Fachgruppe Allgemeine Psychologie*	Experimentelle Aesthetik/ Experimental Aesthetics II*	Cognitive control of complex movements*	Memory II	Investigating cognitive processes using mouse-tracking: Methodology, modeling, and applications II*	Risikantes Verhalten und Unfälle im Verkehr*		Reward and Motivation	Reasoning
Bermeitinger	Jacobsen, Hübner	Giese, Endres	Rummel	Kieslich, Scherbaum	Oehl, Huemer, Sutter		Eder	Danek
Monday, 13:30 - 15:00, Keynote lecture Daniel Wolpert								
Monday, 15:00 - 17:00, Poster session								
Monday, 17:00 - 18:30								
How human information processing is shaped by its multisensory nature*	Consumer psychology	Predictions in sensorimotor control*	Working memory	Cognitive Models in Judgment and Decision Making*	Traffic psychology	Divided attention	Emotions	Lost for words - A symposium on the relationship between language and perception*
Wesslein	Nuszbaum	Voudouris, Fiehler	Röer	Singmann, Pachur	Baumann	Kiesel	Loderer	Goller
Monday, 19:00, 00/0020, Fachgruppentreffen								

* Symposium

Programme overview

00/0020	00/0030	00/0070	01/0010	01/0020	01/0030	01/0110	01/0120	02/0090
Tuesday, 8:30 - 10:00								
Perception: Visibility and Awareness	Going where no researcher has gone before - cognitive control without homunculus? I*	Action and Motor Control	Visual working memory: Topics, theories, and approaches I*	Decision making I	Mensch-Maschine-Interaktion im Zuge der Automatisierung und Vernetzung von Fahrzeugen I*	Recent advances in TVA-based visual attention research*	Aggression and Morality	Emotion in words: Shedding light on emotional language production, and perception and evaluation.*
Hesselmann	Gade, Rey-Mermet	Straube	Liesefeld, Conci	Wegmann	Sutter, Huemer, Oehl	Scharlau, Finke, Krüger	Bohner	Schindler, Kissler
Tuesday, 10:30 - 12:00								
Perceptual stability*	Going where no researcher has gone before - cognitive control without homunculus? II*	What about the Cinderella of Psychology? Motor perspectives on human cognitive processing*	Visual working memory: Topics, theories, and approaches II*	Decision making II	Mensch-Maschine-Interaktion im Zuge der Automatisierung und Vernetzung von Fahrzeugen II*	Dual task performance: Attention	Social interaction	Experimental approaches to language learning*
Stewart, Schütz	Gade, Rey-Mermet	Franklin, Hegele	Liesefeld, Conci	Pachur	Sutter, Huemer, Oehl	Schäfer	Niedeggen	Lemhofer, Belke
Tuesday, 13:30 - 15:00, Keynote lecture Mary Hayhoe								
Tuesday, 15:00 - 17:00, Poster session								
Tuesday, 17:00 - 18:30								
Pupillometry*	Affect and action control*	When social meets spatial cognition: from perspective taking to multiple reference frames (and back).*	Evaluative Conditioning in Context*	Metacognition*	Human factors	Music psychology*	Attitudes	Language
Strauch, Pittino, Greiter	Fischer, van Steenbergen	Baess	Ihmels, Hütter	Undorf, Kuhlmann	Trapp	Kaembach	Glaser	Sprenger

* Symposium

00/0020	00/0030	00/0070	01/0010	01/0020	01/0030	01/0110	01/0120	02/0090
Wednesday, 8:30 - 10:00								
Perception: Features and Objects	Instruction, intention, imagery, and observation: How non-action shapes human behavior*	Action and perception I	Learning	Decision making III	Neuroergo- nomics: Using neuroscientific methods to understand the brain at work*	Visual attention I	Self-regulation	Eye movements and Reading
Paulun	Pfeuffer	Schack	Ferdinand	Rebitschek	Chuang, Ihme	Bell	Sevincer	Huber+Huber
Wednesday, 10:00 - 12:00, Poster session								
Wednesday, 13:30 - 15:00, Keynote lecture Jan Theeuwes								
Wednesday, 15:00 - 16:30								
Perception: High-level	Sensory and motor foun- dations of conceptual cognition*	Action and perception II	Development and Ageing	Diffusion Modeling*	Cognition and Emotion in Human-Machine- Interaction*	Visual attention II		
Papermeier	Kiefer	Pastötter	Jovanovic	Lerche, Voss	Brandenburg, Trapp, Minge, Thüring	Wühr		
Wednesday, 16:30 – 17:00, 02/0090, Concluding session								

* Symposium

Keynote lectures, 13:30 – 14:45, Audimax

Monday

Probabilistic models of sensorimotor control and decision making

Daniel M. Wolpert

Department of Engineering, University of Cambridge

The effortless ease with which humans move our arms, our eyes, even our lips when we speak masks the true complexity of the control processes involved. This is evident when we try to build machines to perform human control tasks. I will review our work on how humans learn to make skilled movements covering probabilistic models of learning, including Bayesian and structural learning as well as the role of context in activating motor memories. I will also review our work showing the intimate interactions between decision making and sensorimotor control processes. This includes the bidirectional flow of information between elements of decision formations such as accumulated evidence and motor processes such as reflex gains. Taken together these studies show that probabilistic models play a fundamental role in human sensorimotor control.



Tuesday

Control of Attention in Natural Environments

Mary Hayhoe

Center for perceptual systems, University of Texas at Austin

In the context of natural behavior, humans must allocate attention and select information from the visual scene to satisfy behavioral goals. What are the control mechanisms that achieve this? I will review the factors that control gaze in natural behavior, including evidence for the role of the task, which defines the immediate goals, the rewards and costs associated with those goals, uncertainty about the state of the world, and prior knowledge. Visual computations are often highly task-specific, and evaluation of task relevant state is a central factor necessary for optimal choices of where to direct gaze. This governs a very large proportion of gaze changes, which reveal the information sampling strategies of the human visual system. When reliable information is present in memory, the need for sensory updates is reduced, and humans can rely instead on memory estimates. Thus memory-based priors constitute another important determinant of natural gaze control.



Wednesday **Statistical learning drives visual selection****Jan Theeuwes**Experimental and Applied Psychology, Vrije Universiteit Amsterdam
Institute for Brain and Behavior Amsterdam (iBBA)

Humans are constantly bombarded by streams of sensory information. Selective attention determines what we attend and what ignore. Traditionally, it was thought that what we attend was determined by our top-down goals and the physical characteristics of the environment. Recently however, it was pointed out that this conceptualization may be incomplete as selection is likely to be the result our experiences, i.e., the history of attentional deployments can elicit lingering selection biases, unrelated to top-down goals or the physical salience of items. Invariant properties of the visual environment can bias attention such that we are able to interact more effectively with the visual world. Previous studies have shown that the efficiency of selecting the target can be improved when the target consistently appears at specific locations in the display (e.g., contextual cueing). This is not surprising as the target is relevant for the task and it is known that attention can be directed to locations in space. In this talk, however, I will specifically focus on how statistical regularities regarding items that are not relevant for the task (i.e., distractors) affect selection. We show that through statistical learning, locations that are likely to contain distractors are suppressed relative to all other locations. These statistical regularities drive selection above and beyond top-down and bottom-up control and operate without people being aware of them. We argue that statistical learning induces plasticity in time and place within the spatial priority map such that locations that are likely to contain a target are boosted and locations that are likely to contain a distractor are suppressed. It reflects our ability to extract the distributional properties of sensory input across time and space; one of the most crucial human abilities that plays a role in essentially everything we do.



Talks, Monday, 08:30 - 10:00

Talk session

Perception: Auditory and Multisensory

00/0020

Sascha Frühholz

08:30 **Voice identity perception ability is linked to contrastive aftereffect size**

Constanze Mühl & Patricia E.G. Bestelmeyer
Bangor University, School of Psychology

08:45 **Recognizing emotions from normal and from whispered voices**

Sascha Frühholz
University of Zurich, Department of Psychology

09:00 **Strategies of perceptual learning and cognitive control during ultra-fast speech comprehension – a comparison between blind with/without residual vision, and sighted**

Susanne Dietrich¹, Ingo Hertrich² & Hermann Ackermann²
¹Universität Tübingen, Fachbereich Psychologie, Evolutionäre Kognition (Kognitionswissenschaft); ²Universität Tübingen, Neurologie

09:15 **Gamma band oscillations mediate comprehension of metaphoric co-speech gestures**

Yifei He & Benjamin Straube
Philipps-University Marburg, Department of Psychiatry and Psychotherapy

09:30 **Individual Alpha Frequency Relates to the Sound-Induced Flash Illusion**

Julian Keil¹ & Daniel Senkowski²
¹Christian-Albrechts-Universität Kiel, Biologische Psychologie; ²Charité - Universitätsmedizin Berlin, Klinik für Psychiatrie und Psychotherapie

09:45 **Auditory contributions to visual anticipation in tennis**

Rouven Cañal-Bruland¹, Florian Müller¹, Björn Lach¹ & Charles Spence²
¹Friedrich Schiller University Jena, Department of Sport Psychology; ²University of Oxford, Department of Experimental Psychology

Symposium

Experimentelle Aesthetik / Experimental Aesthetics I

00/0030

Thomas Jacobsen & Ronald Hübner

08:30 **Aesthetic experience during reading of poetry leads to increased local processing difficulty, but also increased global ease-of-processing**

Sebastian Wallot & Winfried Menninghaus
Max Planck Institute for Empirical Aesthetics

08:45 **Coping with kitsch: Aesthetic appreciation and the dynamics of social motivation**

Stefan Andreas Ortlieb & Claus-Christian Carbon
Lehrstuhl für Allgemeine Psychologie und Methodenlehre der Universität Bamberg

- 09:00 **Killing the deadly beauty. Character aesthetics in a video game influences the perceived burden in a moral dilemma situation**
 Marius Raab, Feliciana Wolff & Claus-Christian Carbon
 University of Bamberg, Department for General Psychology and Methodology
- 09:15 **Visual stability influences aesthetic appreciation**
 Martin Georg Fillinger & Ronald Hübner
 University of Konstanz, Psychology
- 09:30 **Aesthetic appreciation of cultural artifacts engages additional processes beyond a core domain-general system**
 Edward A Vessel¹, Ilkay Isik¹, Amy Belfi², Jonathan Stahl³ & G. Gabrielle Starr⁴
¹Max Planck Institute for Empirical Aesthetics, Department of Neuroscience; ²New York University, Department of Psychology; ³Ohio State University, Psychology; ⁴Pomona College
- 09:45 **Two routes to aesthetic preference, one route to aesthetic inference**
 Chantal Allegra Miller & Ronald Hübner
 University of Konstanz, Department of Psychology

Talk session

Reaching

00/0070

Christoph Schütz

- 08:30 **Semantics determine the influence of allocentric information in memory-guided reaching**
 Harun Karimpur & Katja Fiehler
 Justus Liebig University Giessen, Experimental Psychology
- 08:45 **Gaze and prior knowledge modulate allocentric coding in memory-guided reaching movement**
 Zijian Lu, Mathias Klinghammer & Katja Fiehler
 Experimental Psychology, Justus-Liebig University Giessen
- 09:00 **Potential models of allocentric coding for reaching in naturalistic visual scenes**
 Parisa Abedi Khoozani¹, Mathias Klinghammer², Paul Schrater³, Dominik Endres⁴, Katja Fiehler² & Gunnar Blohm⁵
¹Queen's University, Center for Neuroscience; University of Giessen; ²University of Giessen; ³University of Minnesota; ⁴University of Marburg; ⁵Queen's University
- 09:15 **A sensorimotor prior for succesful reaches**
 Nienke B Debats¹ & Herbert Heuer²
¹Bielefeld University, Cognitive Neurosciences & CITEC; ²Leibniz Research Centre for Working Environment and Human Factors
- 09:30 **Learning opposing visuomotor rotations in a single visuomotor map**
 Raphael Schween¹, Jordan A Taylor² & Mathias Hegele¹
¹Justus-Liebig-University, Department of Psychology and Sport Science, Neuromotor Behavior Laboratory; ²Princeton University, Department of Psychology, Intelligent Performance and Adaptation Laboratory

Talks, Monday, 08:30 - 10:00

- 09:45 **Hemispheric lateralisation does not affect motor planning in a sequential reaching task**
Christoph Schütz & Thomas Schack
Bielefeld University, Cluster of Excellence Cognitive Interaction Technology (CITEC)

Talk session

Memory I

01/0010

Hannes Noack

- 08:30 **Hierarchical modeling of mechanisms underlying the sleep benefit in episodic memory: Disentangling storage and retrieval contributions**
Sabrina Berres, Edgar Erdfelder & Julian Quevedo Pütter
University of Mannheim, Department for Cognitive Psychology and Individual Differences
- 08:45 **Sleep strengthens integration of spatial memory systems**
Hannes Noack¹, Christian F. Doeller² & Jan Born³
¹University Tübingen, Medical School Department of Psychiatry; ²Trondheim University Hospital, Kavli Institute for Systems Neuroscience; ³University Tübingen, Institute for Medical Psychology and Behavioral Neurobiology
- 09:00 **Are You Sure You Want to Delete This? The Costs of Losing the Possibility of Memory Offloading for Subsequent Memory Performance**
Yannick Runge, Christian Frings & Tobias Tempel
University of Trier, Department of Cognitive Psychology
- 09:15 **Instruction manipulations during dual-memory retrieval practice: Can they eliminate a retrieval stage processing bottleneck?**
Franziska Orscheschek¹, Timothy Rickard², Torsten Schubert³ & Tilo Strobach¹
¹Medical School Hamburg, Department of Psychology; ²University of California San Diego, Department of Psychology; ³Martin-Luther Universität Halle-Wittenberg, Department of Psychology
- 09:30 **Training improves recall precision for colours of novel objects**
Rebecca Ovale Fresa & Nicolas Rothen
University of Bern, Institute of Psychology
- 09:45 **HPA axis and SNS activity are differentially related to the primacy and recency effect of the serial position curve**
Linda Becker, Kristina Sinner & Nicolas Rohleder
Friedrich-Alexander-Universität Erlangen-Nürnberg, Institute of Psychology

Symposium

Investigating cognitive processes using mouse-tracking: Methodology, modeling, and applications I

01/0020

Pascal J. Kieslich & Stefan Scherbaum

- 08:30 **The psychometrics of the continuous mind: Exploiting the dynamics of mouse movements with time continuous multiple regression**
Stefan Scherbaum¹ & Maja Dshemuchadse²
¹Technische Universität Dresden, Department of Psychology; ²Hochschule Zittau/Görlitz, Department of Social Sciences

- 08:45 **Mousetrap: An R package to process, analyse, cluster, and visualize hand- and mouse-trajectories**
 Jonas MB Haslbeck¹, Dirk U Wulff², Pascal J Kieslich³, Felix Henninger⁴ & Michael Schulte-Mecklenbeck⁵
¹University of Amsterdam; ²University of Basel; ³University of Mannheim; ⁴University of Koblenz-Landau; ⁵University of Bern
- 09:00 **Investigating the relationship between confidence and manual movement during decision making**
 Denis O'Hora¹, Arkady Zgonnikov², Aisling Kenny¹ & Kongfatt Wong-Lin³
¹National University of Ireland, Galway School of Psychology; ²University of Aizu, Complex Systems Modeling Laboratory; ³Ulster University School of Computing, Engineering & Intelligent Systems
- 09:15 **Jointly Modeling Mouse-Trajectories and Accuracies with Generalized Processing Trees**
 Daniel W. Heck, Edgar Erdfelder & Pascal J. Kieslich
 University of Mannheim
- 09:30 **A SUBJECT ORIENTED STATE-SPACE APPROACH TO MODEL MOUSE TRACKING-DATA**
 Antonio Calcagni¹, Luigi Lombardi¹ & Simone Sulpizio²
¹University of Trento, Department of Psychology and Cognitive Science; ²Vita-Salute S. Raffaele University, Faculty of Psychology
- 09:45 **Dissociating Decision Strategies in Free-Choice Tasks – A Mouse Tracking Analysis**
 Diana Vogel¹, Stefan Scherbaum¹ & Markus Janczyk²
¹Technische Universität Dresden, Department of Psychology; ²Eberhard Karls University Tübingen, Department of Psychology

Symposium

Ungeschützte Verkehrsteilnehmer

-
- 01/0030** Anja K. Huemer, Michael Oehl & Christine Sutter
- 08:30 **Warum passieren Unfälle mit ungeschützten Verkehrsteilnehmern?**
 Stefanie Weber¹, Karen Tschech¹ & Kristin Blum²
¹Universitätsklinikum Regensburg, AARU Verkehrsunfallforschung; ²AUDI AG, AARU Verkehrsunfallforschung
- 08:45 **Abgelenkte Fußgänger: eine Beobachtungsstudie**
 Mark Vollrath, Kilian Heuer & Anja Katharina Huemer
 Technische Universität Braunschweig, Institut für Psychologie Ingenieur- und Verkehrspsychologie
- 09:00 **Bewahrt das Linksabbiegen an T-Kreuzungen den Pkw-Fahrer vor Kollisionen mit querenden Radfahrern von rechts? Eine sicherheitskritische Bewertung des Blick- und Annäherungsverhaltens von rechts- und linksabbiegenden Pkw-Fahrern**
 Irene Gohl
 Universität der Bundeswehr München, Institut für Arbeitswissenschaft

Talks, Monday, 08:30 - 10:00

- 09:15 **Das Blickverhalten von Radfahren: Ein Vergleich zwischen Fahrten in realer und simulierter Fahrumgebung**
Klaus Reinprecht¹ & Anja Katharina Huemer²
¹Inspectio Forschungsinstitut; ²Technische Universität Braunschweig, Institut für Psychologie, Ingenieur- und Verkehrspsychologie
- 09:30 **Alternativer Navigationskonzepte für Radfahrer: eine Usability-Studie**
Anja Katharina Huemer, Ulla Willrodt & Mark Vollrath
Technische Universität Braunschweig, Institut für Psychologie, Ingenieur- und Verkehrspsychologie

Symposium

No-Data-Session

01/0110

Christina Bermeitinger

Talk session

Valuation

01/0120

Benjamin Scheibehenne

- 08:30 **Emotional Influence on Context-Specific Proportion Congruent Effect: Neutral or Emotional Facial Expressions as Context Stimuli**
Jinhui Zhang, Andrea Kiesel & David Dignath
Department of Psychology, University of Freiburg
- 08:45 **Automatic Preference Acquisition: Subliminal stimulus presentation in Evaluative Conditioning**
Tobias Heycke & Christoph Stahl
University of Cologne, Department of Psychology
- 09:00 **Is EC possible for objectively aware, but subjectively unaware CSs?**
Karoline Corinna Bading & Christoph Stahl
University of Cologne, Department of Psychology
- 09:15 **Evaluative conditioning as a tool to study the interplay between perception and emotion**
Ferdinand Pittino & Anke Huckauf
Ulm University, Department for General Psychologie
- 09:30 **Confidence, distance, and consistency: Towards a reliability account of advice taking**
Fabian Ache & Mandy Hütter
Eberhard Karls Universität Tübingen
- 09:45 **How does the peak-end rule smell? Tracing hedonic experience with odors**
Benjamin Scheibehenne¹ & Géraldine Coppin²
¹University of Geneva, Geneva School of Economics and Management; ²University of Geneva, Swiss Center for Affective Sciences; University of Geneva, Laboratory for the Study of Emotion Elicitation and Expression; Distance Learning University Switzerland (Unidistance)

Talk session

Methods

02/0090

Markus Janczyk

08:30

Controlling statistical decision errors with minimal costs: Relative efficiency of sequential probability ratio t-tests vs. Bayesian t-tests

Martin Schnuerch & Edgar Erdfelder
University of Mannheim, Department of Psychology

08:45

PsyToolkit: Testing the replicability of web-based results in a laboratory setting

Jonathan Daniel Kim¹, Ute Gabriel¹ & Pascal Gygax²
¹Norwegian University of Science and Technology, Department of Psychology;
²University of Fribourg, Department of Psychology

09:00

Measures to integrate speed and accuracy: A critical assessment and evaluation of their validity, utility, and problems

Markus Janczyk¹ & Heinrich René Liesefeld²
¹Eberhard Karls University of Tübingen, Department of Psychology; ²Ludwig-Maximilians-Universität München, Department Psychology and Graduate School of Systemic Neurosciences

09:15

An adjusted PSI-method for the stop-signal task

Lorenz Weise
RWTH Aachen, Institute für Medizinische Psychologie und Medizinische Soziologie

09:30

Eyewitness performance in sequential lineups: A ROC-based analysis of order effects

Birk Diedenhofen, Sonja Willing & Jochen Musch
University of Düsseldorf

09:45

Kindermörder! Eine experimentelle Untersuchung zur Verfälschbarkeit von Selbstauskünften in indirekten Befragungen

Julia Meisters, Adrian Hoffmann & Jochen Musch
University of Duesseldorf, Department of Experimental Psychology

Talks, Monday, 10:30 - 12:00

Symposium

Multisensory processing (and more or less neglected senses): Symposium powered by Fachgruppe Allgemeine Psychologie

00/0020

Christina Bermeitinger

10:30 **Cognitive control in crossmodal task switching requirements: Evidence from crossmodal attention and modality compatibility in perception-action mappings**

Denise N. Stephan¹, Edina Fintor¹, Magali E. Kreuzfeldt² & Iring Koch¹
¹RWTH Aachen University; ²IfADo

10:45 **Commonalities and differences of auditory and visual negative priming**

Susanne Mayr¹ & Axel Buchner²
¹University of Passau, Chair of Psychology and Human-Machine Interaction; ²Heinrich Heine University Düsseldorf, Cognitive and Industrial Psychology

11:00 **Attention blinks irrespective of (lavender or peppermint) odor**

Ryan Hackländer
University of Hildesheim, Cognitive Psychology

11:15 **Extra-retinal and intersensory aspects of cybersickness**

Heiko Hecht¹, Behrang Keshavarz² & Suzanne Nooij³
¹Johannes Gutenberg-Universität Mainz; ²Toronto Rehabilitation Institute; ³Max-Planck Institut für Kybernetische Biologie Tübingen

11:30 **Serial integration of information in active touch**

Knut Drewing, Alexandra Lezkan & Anna Metzger
Giessen University, Department of Psychology

Symposium

Experimentelle Aesthetik / Experimental Aesthetics II

00/0030

Thomas Jacobsen & Ronald Hübner

10:30 **Are there opposite pupil responses to different aspects of processing fluency?**

Sophie G. Elschner & Ronald Hübner
Universität Konstanz, Cognitive Psychology

10:45 **Elegance – a concept completely disregarded in empirical aesthetics**

Winfried Menninghaus¹, Valentin Wagner¹, Vanessa Kegel¹, Christine A. Knoop¹ & Wolff Schlotz²
¹Max-Planck-Institute for Empirical Aesthetics, Department of Language and Literature;
²Max-Planck-Institute for Empirical Aesthetics, Labs and Methods

Symposium

Cognitive control of complex movements

00/0070

Martin A. Giese & Domink Endres

10:30

On the compositionality, timing and coordination of complex movements.

Tamar Flash

Weizmann Inst. of Science, Dept of CS and Applied Math, Weizmann Inst. of Science

10:45

From Simple Movements to Complex Skills: A Task-Dynamic Approach to Motor Control

Dagmar Sternad

Northeastern University Department of Biology, Electrical and Computer Engineering and Physics

11:00

Grounded Foresight: Anticipatory Remapping of Peripersonal Space During Object Interactions

Johannes Lohmann, Anna Belardinelli & Martin V. Butz

University of Tübingen, Cognitive Modeling

11:15

The end-state comfort effect in joint action

Dominik Dötsch & Anna Schubö

Philipps-Universität Marburg, Department of Psychology

11:30

Planning and cognitive representation in manual action

Thomas Schack

CITEC; Neurocognition and Action - research group Bielefeld University

11:45

From motor learning to exergaming for motor rehabilitation of neurological movement disorders

Winfried Ilg

Hertie Institute for Clinical Brain Research, University Clinic Tuebingen

Talk session

Memory II

01/0010

Jan Rummel

10:30

Nighttime sleep benefits prospective memory by improving its prospective component

Mateja F. Böhm¹, Ute J. Bayen¹ & Reinhard Pietrowsky²

¹Heinrich-Heine-Universität Düsseldorf, Department of Mathematical and Cognitive Psychology; ²Heinrich-Heine-Universität Düsseldorf, Department of Clinical Psychology

10:45

Context-dependent attentional decoupling and its relation to prospective memory

Jan Rummel

Heidelberg University

11:00

Integration of multiple intrinsic and extrinsic cues in metamemory judgments

Arndt Bröder, Monika Undorf & Anke Söllner

University of Mannheim, School of Social Sciences

Talks, Monday, 10:30 - 12:00

- 11:15 **Combining the post-cue task and the perceptual identification task to investigate parallel activation and mutual facilitation in semantic priming**
Demian Scherer¹ & Dirk Wentura²
¹University of Münster, Department of Psychology; ²Saarland University, Department of Psychology
- 11:30 **The aging lexicon: Differences in the semantic networks of younger and older adults**
Dirk U Wulff¹, Thomas T Hills² & Rui Mata¹
¹University of Basel; ²University of Warwick
- 11:45 **How Not to Fall for the White Bear: Flexible Control of Negation Processing**
Robert Wirth, Wilfried Kunde & Roland Pfister
University of Würzburg
- 12:00 **Post-warnings can undo stereotype-induced memory distortion**
Hartmut Blank, Lauren Rutter & Rebecca Armstrong
University of Portsmouth

Symposium

Investigating cognitive processes using mouse-tracking: Methodology, modeling, and applications II

01/0020

Pascal J. Kieslich & Stefan Scherbaum

- 10:30 **Design factors (I): What influences trajectory curvature in mouse-tracking experiments?**
Pascal J. Kieslich¹, Martin Schoemann², Tobias Grage² & Stefan Scherbaum²
¹University of Mannheim, Department of Psychology; ²Technische Universität Dresden, Department of Psychology
- 10:45 **Design Factors (II): How Details of the Mouse Tracking Procedure Influence Action Dynamics in Cognitive and Value-Based Decision Paradigms**
Tobias Grage¹, Martin Schoemann¹, Pascal J. Kieslich² & Stefan Scherbaum¹
¹Technische Universität Dresden, Department of Psychology; ²University of Mannheim, Department of Psychology
- 11:00 **Gaussian Process Modeling of Preferential Choice Dynamics**
Mary Frame¹, Joseph Hout² & Joseph Johnson³
¹Wright State University, Wright State Research Institute; ²Wright State University, Department of Psychology; ³Miami University, Department of Psychology
- 11:15 **Investigating phonemic representations in Spanish-English bilinguals using mouse-tracking: A laboratory/MTurk comparative study**
James Benjamin Falandays¹, Michael J Spivey¹ & Joseph C Toscano²
¹University of California Merced, Cognitive and Information Sciences; ²Villanova University, Psychological and Brain Sciences
- 11:30 **Discussion**
Stefan Scherbaum¹ & Pascal J. Kieslich²
¹Technische Universität Dresden, Department of Psychology; ²University of Mannheim, Department of Psychology

Symposium

Riskantes Verhalten und Unfälle im Verkehr

01/0030

Michael Oehl, Anja K. Huemer & Christine Sutter

10:30

Querschnittliche Analyse des Jugendlichkeitsrisiko junger Verkehrsteilnehmer

Heinz Albert Stumpen¹, Benedikt Schweer¹, Guido Kattert¹, Birgitt Erdwien² & Christine Sutter¹

¹Deutsche Hochschule der Polizei, Fachgebiet II.4 Verkehrswissenschaft & Verkehrspsychologie; ²Erdwien-Consult

10:45

Längsschnittliche Analyse von Jugendlichen zu Ihren Einstellungen zum Fahren und zur Automobilität

Benedikt Schweer¹, Birgit Erdwien², Guido Kattert¹, Heinz Albert Stumpen¹ & Christine Sutter¹

¹Deutsche Hochschule der Polizei, Fachgebiet II.4 Verkehrswissenschaft & Verkehrspsychologie; ²Erdwien Consulting

11:00

Validierung der Driving Anger Scale (DAS) für deutsche Autofahrer

Michael Oehl¹ & Stefan Brandenburg²

¹Leuphana Universität Lüneburg; ²Technische Universität Berlin

11:15

Studie zu Warnwirkung und Akzeptanz von haptischem Feedback am Gaspedal im Kontext von Fahrerassistenzsystemen

Martin Brockmann¹ & Pia Weber²

¹Allround Team GmbH Automotive HMI Development; ²Allround Team GmbH, Automotive HMI Development

11:30

Unfallerhebung mittels der Causal Analysis and Reconstruction of Motor Vehicle Accidents (CarMa)

Christopher Pohr

University of Göttingen, Cognition and Decision Making

Talk session

Reward and Motivation

01/0120

Andreas B Eder

10:30

What does money value? The effect of financial value on inattentional blindness

Dennis Redlich¹, Carina Kreitz¹, Daniel Memmert¹ & Robert Schnürch²

¹German Sport University Cologne, Institute of Training and Computer Science in Sport; ²University of Bonn, Department of Psychology

10:45

Choices induce subsequent inhibition of non-chosen target location and color

Christian Wolf, Anna Heuer, Anna Schubö & Alexander C Schütz

Philipps-Universität Marburg, Allgemeine und Biologische Psychologie

11:00

Reward magnitude influences decision accuracy and stimulus generalization in multi-attribute categorization

René Schlegelmilch & Bettina von Helversen

University of Zurich

Talks, Monday, 10:30 - 12:00

- 11:15 **How performance-contingent reward prospect modulates cognitive control: Rigid usage and maintenance of predictive and non-predictive contextual information**
Carmen Hefer & Gesine Dreisbach
University of Regensburg
- 11:30 **Increasing Reward Prospect Motivates Switching to the More Difficult Task: A Case of Motivation Efficiency?**
Vanessa Jurczyk¹, Kerstin Froeber¹ & Gesine Dreisbach²
¹University of Regensburg, Chair for General and Applied Psychology (Prof. Dr. Dreisbach); ²University of Regensburg, Chair for General and Applied Psychology
- 11:45 **Effects of reward on action-effect learning**
Andreas B Eder, Thorsten M Erle & Wilfried Kunde
University of Würzburg, Department of Psychology

Talk session

Reasoning

02/0090

Amory H. Danek

- 10:30 **Forget the fairy tale of accuracy-effort trade-offs: mental models and availability of internal information determine heuristic application**
Jörg Müller
Justus Liebig University, Institute of Agribusiness Management and Food Economics
- 10:45 **Neural Analysis of Deductive and Probabilistic Reasoning**
Benjamin Sklarek, Lupita Estefania Gazzo Castaneda, Dennis Dal Mas & Markus Knauff
JLU Gießen, Allgemeine Psychologie und Kognitionswissenschaft
- 11:00 **When does background knowledge inform causal conditional reasoning?**
Andre Aßfalg & Karl Christoph Klauer
Albert-Ludwigs-Universität Freiburg
- 11:15 **Can handwriting improve reasoning performance?**
Lupita Estefania Gazzo Castaneda, Regina E Fabry & Markus Knauff
University of Giessen, Experimental Psychology and Cognitive Science
- 11:30 **Eye movements reveal task-driven information search in memory during sequential diagnostic reasoning**
Anja Klichowicz¹, Sascha Stehlau², Josef F. Krems¹ & Agnes Scholz³
¹Technische Universität Chemnitz, Department of Psychology; ²University of Kassel, Department of Psychology; ³University of Zurich, Department of Psychology
- 11:45 **Sudden, but not incremental insights lead to Aha! experiences**
Amory H. Danek, Joshua Williams & Jennifer Wiley
Universität Heidelberg, Allgemeine und Theoretische Psychologie

Posters, Monday, 15:00 - 17:00

Memory

- M-1-1 **The Influence of Perceived Remorse on Source Memory for Faces: A Multinomial Processing Tree Approach**
Jana Berkessel¹ & Friederike Funk²
¹University of Mannheim, Department of Psychology; ²University of Cologne, Department of Psychology
- M-1-2 **Testing enhances subsequent learning of spatial information in younger and older adults**
Jonathan Bufe & Alp Aslan
Martin Luther University Halle-Wittenberg, Department of Psychology
- M-1-3 **The effect of perceptual set in airport security**
Anna Conci
FernUniversität in Hagen
- M-1-4 **How does preparation in task switching affect subsequent memory performance?**
Mirela Dubravac
University of Bern, Experimental Psychology and Neuropsychology
- M-1-5 **Guidance or Setting? Exploring the learnability of computer-based instructions in a construction task**
Shirin Esmaeili Bijarsari, Maria Wirzberger & Günter Daniel Rey
TU Chemnitz, Psychology of learning with digital media
- M-1-6 **Binding between memory representations influences serial dependence**
Cora Fischer¹, Stefan Czoschke¹, Benjamin Peters¹, Benjamin Rahm², Jochen Kaiser¹ & Christoph Bledowski¹
¹Goethe-University, Institute of Medical Psychology; ²Albert-Ludwigs-University, Medical Psychology
- M-1-7 **Drifting through the Noise – A diffusion model analysis of the interplay between processing and storage in working memory**
Jan Göttmann, Alexander Kipnis, Gidon T. Frischkorn & Anna-Lena Schubert
Ruprecht-Karls Universität, Institute of Psychology
- M-1-8 **Separate and combined effects of action relevance and motivational value on visual working memory**
Anna Heuer & Anna Schubö
Philipps-Universität Marburg
- M-1-9 **Part-List Cuing Impairment in Children: The Role of Encoding**
Thomas John & Alp Aslan
Martin Luther University Halle-Wittenberg, Department of Psychology
- M-1-10 **The influence of mood on memory for happy and sad faces**
Meike Kroneisen
University of Koblenz-Landau

Posters, Monday, 15:00 - 17:00

- M-1-11 **Post-learning attentional resource consumption weakens memory retention**
Markus Martini, Robert Marhenke & Pierre Sachse
University of Innsbruck
- M-1-12 **Investigating emotion-induced retrograde and anterograde memory effects in sequences of related and unrelated words**
Helge Schlüter & Christina Bermeitinger
University of Hildesheim, Department of General Psychology
- M-1-13 **The influence of attitudes and knowledge on the continued influence effect**
Sebastian Scholz, Thorsten Finke & Stephan Dutke
University of Münster, Department of Psychology
- M-1-14 **Spatial contextualization of emotional and distressing scenes: Exploring predictions of the revised Dual Representation Theory**
Sebastian Siehl¹, Anika Sierk², James Bisby³, Frauke Nees⁴, Herta Flor⁴, John King⁵ & Neil Burgess³
¹University of Heidelberg, Central Institute of Mental Health, Department of Cognitive and Clinical Neuroscience; University College London, Institute of Cognitive Neuroscience; University of Mannheim, Graduate School of Economic and Social Sciences; ²University College London, Institute of Cognitive Neuroscience; Charité Universitätsmedizin Berlin; ³University College London, Institute of Cognitive Neuroscience; University College London, Institute of Neurology; ⁴University of Heidelberg, Central Institute of Mental Health, Department of Cognitive and Clinical Neuroscience; ⁵University College London, Institute of Cognitive Neuroscience; University College London, Clinical, Education and Health Psychology
- M-1-15 **Reorganization of Spatial Configurations During Encoding and Memorization**
Johannes David Timm & Frank Papenmeier
Eberhard Karls Universität, Department of Psychology
- M-1-16 **Perceptual Fluency, Metacognitive Beliefs, or Both – What Drives the Effect of Font Size on Judgments of Learning?**
Malte F. Zimdahl & Monika Undorf
University of Mannheim, Department of Psychology

Perception I

- M-1-17 **Altered network connectivity in ASD during emotional face processing**
Robert Arent¹, Kristin M Zimmermann¹, Sanna Stroth², Inge Kamp-Becker² & Andreas Jansen¹
¹University of Marburg, Department of Psychiatry & Marburg Center for Mind, Brain and Behavior - MCMBB; ²Philipps-University Marburg, Department of Child and Adolescent Psychiatry
- M-1-18 **Identification of Linear, Exponential, and Step Function Trends in Scatterplots: Detecting Straight Lines Straightforward**
Christine Blech & Robert Gaschler
FernUniversität in Hagen, Department of General Psychologie (Learning, Motivation, Emotion)

- M-1-19 **Eye-movement behavior during object search and scene memorization with spatial-frequency filtering in central or peripheral vision**
Anke Cajar, Ralf Engbert & Jochen Laubrock
University of Potsdam, Department of Psychology
- M-1-20 **Semantic not orthographic-phonological knowledge is implemented in context-based predictions during visual word recognition**
Susanne Eisenhauer¹, Christian J. Fiebach² & Benjamin Gagl³
¹Goethe University Frankfurt, Department of Psychology; ²Goethe University, Department of Psychology; Center for Individual Development and Adaptive Education of Children at Risk (IDeA); Interdisciplinary Center for Neurosciences; ³Goethe University Frankfurt, Department of Psychology; Center for Individual Development and Adaptive Education of Children at Risk (IDeA)
- M-1-21 **A two-factor model of the visual complexity of abstract patterns**
Andreas Gartus & Helmut Leder
University of Vienna, Department of Basic Psychological Research and Research Methods
- M-1-22 **Perceptual reliability in the scotopic foveal scotoma**
Alejandro Hernán Gloriani & Alexander C Schütz
Philipps-University Marburg, Psychology Department-Sensomotoric learning
- M-1-23 **The effect of walking on human visual perception**
Barbara Händel & Liyu Cao
University of Würzburg, Department of Psychology
- M-1-24 **Emotion-Induced Memory Modulation: Bimodal Integration and the Effects of Inhibitory Control**
Lisa Christina Hasenbein & Arianne Herrera-Bennett
Ludwig-Maximilians-Universität, Psychology
- M-1-25 **Adaptation of depth ordering preferences during motion transparency**
Byung-Woo Hwang & Alexander C. Schütz
Philipps-Universität Marburg, Allgemeine und Biologische Psychologie
- M-1-26 **Mental Rotation and Handedness: Differences in object-based and egocentric Transformations**
Stefanie Pietsch & Petra Jansen
Universität Regensburg, Institut für Sportwissenschaft
- M-1-27 **Tinted lenses affect our physiological responses to affective pictures: An EEG/ERP study**
Tim Schilling¹, Siegfried Wahl² & Lewis Chuang³
¹University of Tübingen, Institute for Ophthalmic Research; Department of Perception, Cognition and Action, Max Planck Institute for Biological Cybernetics; ²University of Tübingen, Institute for Ophthalmic Research; Carl Zeiss Vision International GmbH; ³Department of Perception, Cognition and Action, Max Planck Institute for Biological Cybernetics

- M-1-28 **The influence of lexicon size and font characteristics on information optimization in reading: an orthographic prediction model investigation**
Simon Schug¹, Christian J. Fiebach² & Benjamin Gagl³
¹Department of Psychology, Goethe University Frankfurt; ²Department of Psychology, Goethe University Frankfurt; Center for Individual Development and Adaptive Education of Children at Risk (IDeA); Interdisciplinary Center for Neuroscience Frankfurt; ³Department of Psychology, Goethe University Frankfurt; Center for Individual Development and Adaptive Education of Children at Risk (IDeA)
- M-1-29 **Effects of eye height on the perception of interior space**
Christoph von Castell, Heiko Hecht & Daniel Oberfeld
Johannes Gutenberg-Universität Mainz, Institute of Psychology
- M-1-30 **Timescales of different types of saccadic adaptation**
Ilja Wagner & Alexander C. Schütz
Philipps-Universität Marburg, AG Allgemeine und Biologische Psychologie (AE Sensomotorisches Lernen)
- M-1-31 **Which information is diagnostic for efficient real-world scene categorization?**
Verena Willenbockel¹, Sandro Wiesmann¹, Frédéric Gosselin² & Melissa L.-H. Võ¹
¹Goethe University Frankfurt, Department of Psychology; ²Département de Psychologie, Université de Montréal

Human factors

- M-2-1 **The impact of shared mental models on team performance in a fault diagnosis task**
Rica Bönsel¹, Luise Schegner², Sebastian Heinze², Leon Urbas² & Romy Müller¹
¹TU Dresden, Professur Ingenieurpsychologie und angewandte Kognitionsforschung; ²TU Dresden, Professur Prozessleittechnik
- M-2-2 **Do SNS and HPA axis activity differ between elite athletes and non-athletes? – A pilot study**
Moritz Dümig, Yvonne Daichendt & Linda Becker
Friedrich-Alexander-Universität Erlangen-Nürnberg, Institute of Psychology
- M-2-3 **Predicting Visual Attention is not an easy Task - even for Experts!**
Sebastian Feuerstack¹ & Bertram Wortelen²
¹OFFIS; ²Carl von Ossietzky Universität Oldenburg, Kognitive Psychologie
- M-2-4 **Mental rotation in basketball: Presenting playing patterns in different orientations of the tactic board affects players' observation time and execution performance under temporal constraints**
Daniel Krause, Matthias Rahlenbeck & Matthias Weigelt
University of Paderborn, Psychology and Movement Science
- M-2-5 **Looming sounds benefit emergency braking due to their saliency**
Marie Lahmer¹, Lewis Chuang² & Verena Carola Seibold³
¹Max-Planck-Institut Biologische Kybernetik; ²Max Planck Institute for Biological Cybernetics; ³Eberhard Karls University Tübingen, Department of Psychology

- M-2-6 **Improving navigation systems. How design features of guidance systems influence survey and route knowledge**
 Lucas Lörch & Stefan Münzer
 Universität Mannheim, Lehrstuhl Bildungspsychologie
- M-2-7 **Age simulation and office work**
 Florian Röser, Swaantje Elsen, Ina Hendricks & Daniela Lohaus
 University of Applied Sciences Darmstadt, Economic Psychology
- M-2-8 **Enterprise Gamification – Investigating the Influence of Game Mechanism on Intrinsic Motivation**
 Markus Thiemann¹, Sandra Sülzenbrück¹ & Christine Sutter²
¹FOM Hochschule für Oekonomie & Management, iwv Institut für Wirtschaftspsychologie; ²Deutsche Hochschule der Polizei, Fachgebiet Verkehrswissenschaft & Verkehrspsychologie
- M-2-9 **Smoothies – Consumer and Preference**
 Milena von Heydebreck & Florian Röser
 University of Applied Sciences Darmstadt, Economic Psychology
- M-2-10 **Transfer is possible – Drivers’ benefit from a multi stage collision warning**
 Susann Winkler, Juella Kazazi & Mark Vollrath
 Technische Universität Braunschweig, Institut für Psychologie, Abt. Ingenieur- und Verkehrspsychologie

Motor control

- M-2-11 **Perceived Ownership Influences Perspective Taking Towards Avatars**
 Christian Böffel & Jochen Müsseler
 RWTH Aachen University, Institute of Psychology
- M-2-12 **Movement Primitives and Flexible Control in Virtual Reality**
 Annabell Coors, Benjamin Knopp & Dominik Endres
 Philipps-Universität, AE theoretical neuroscience
- M-2-13 **Movement Primitives in Unconstrained Dance**
 Anna-Lena Eckert, Benjamin Knopp & Dominik Endres
 Philipps-University, Department of Psychology
- M-2-14 **Delta plots with negative-going slopes as a potential marker of decreasing response activation in masked semantic priming**
 Ruben Ellinghaus
 University of Tübingen, Department of Psychology
- M-2-15 **Priming of Grasp Affordance in an Ambiguous Object**
 Patricia Garrido-Vásquez¹, Eileen Wengemuth² & Anna Schubö²
¹Department of Experimental Psychology and Cognitive Science, Justus Liebig University Giessen; ²Cognitive Neuroscience of Perception and Action, Experimental and Biological Psychology, Philipps University Marburg
- M-2-16 **Movement (Re-)planning Interferes with Working Memory during the Maintenance Process: An ERP Study**
 Rumeysa Gunduz Can, Dirk Koester & Thomas Schack
 Bielefeld University, CITEC

Posters, Monday, 15:00 - 17:00

- M-2-17 **Habit outweighs Planning in Grasp Selection for Object Manipulation**
Oliver Herbort
Julius-Maximilians-Universität Würzburg, Department of Psychology
- M-2-18 **Neural responses to outcome error prediction: the impact of self-induced and externally-manipulated motor errors**
Michael Joch, Mathias Hegele, Heiko Maurer, Hermann Müller & Lisa K. Maurer
Justus-Liebig-University, Department of Sport Science
- M-2-19 **Weighting of vision and proprioception in post-stroke reach planning**
Johannes Keyser¹, Noël L. W. Keijsers², Luc Selen¹ & Pieter W. Medendorp¹
¹Donders Institute for Brain, Cognition and Behaviour, Radboud University; ²Department of Research, Sint Maartenskliniek Nijmegen
- M-2-20 **Predicting how we grasp arbitrary objects**
Lina Katharina Klein¹, Guido Maiello¹, Juan Chen², Vivian Charlotte Paulun¹, Jody C Culham² & Roland W Fleming¹
¹Justus-Liebig University Giessen, Department of Psychology; ²University of Western Ontario, Department of Psychology Brain and Mind Institute
- M-2-21 **Disarming the Gunslinger effect: Reaction beats intention for cooperative actions**
Wilfried Kunde, Lisa Weller & Roland Pfister
University of Wuerzburg
- M-2-22 **When specific action biases meet nonspecific preparation: Event repetition modulates the variable-foreperiod effect**
Robert Langner¹, Michael B. Steinborn², Simon B. Eickhoff¹ & Lynn Huestegge²
¹Heinrich Heine University Düsseldorf, Institute of Systems Neuroscience; ²University of Würzburg, Psychological Methods, Cognition, and Applied Research
- M-2-23 **Optimizing multitasking through our body: Reduced between-task interference when a single response hand is located close to the prioritized stimulus**
Roman Liepelt¹ & Rico Fischer²
¹German Sport University Cologne, Performance Psychology; ²University of Greifswald, Psychology
- M-2-24 **Effects of motor imagery on postural control in quiet stance**
Tim Naumann, Adam Zabicki, Johannes Kurz & Jörn Munzert
Justus-Liebig-University, Department of Sports Science
- M-2-25 **The Hard Work of Doing Nothing: Accounting for Inhibitory Costs During Multiple Action Control**
Tim Raettig & Lynn Huestegge
University of Würzburg, Institute for Psychology
- M-2-26 **Aftereffects of imagined inhibition**
Martina Rieger & Stephan F. Dahm
UMIT
- M-2-27 **Delaying motor planning can reduce reaction times**
Christian Seegelke & Tobias Heed
Bielefeld University, Department of Psychology

- M-2-28 **Correlation between linguistic classifications and psychological clusters**
Marietta Sioni¹ & Thomas Schack²
¹"Neurocognition and Action - Biomechanics"- Research Group-CITEC Bielefeld University;
²"Neurocognition and Action - Biomechanics"- Research Group-CITEC, Faculty of
Psychology and Sport Sciences, Bielefeld, University Research Institute for Cognition and
Robotics CorLab-Bielefeld University
- M-2-29 **Post-Error Slowing: Theoretical Mechanisms and Principal Determinants**
Michael B. Steinborn & Huestegge Lynn
University of Würzburg, Department of Psychology III
- M-2-30 **Is control of emotional disrupt valence specific?**
Elisa Straub, Andrea Kiesel & David Dignath
Universität Freiburg, Institut für Psychologie, Abteilung für Allgemeine Psychologie
- M-2-31 **Task parameter influences on reach movement strategies in a go-before-you-know action selection paradigm**
Philipp Ulbrich, Mareike Spengler & Alexander Gail
Deutsches Primatenzentrum GmbH, Abteilung Kognitive Neurowissenschaften -
Arbeitsgruppe Sensomotorik
- M-2-32 **Mental rotation skills of expert basketball players: Identifying on-court playing patterns**
Matthias Weigelt, Karsten Schul & Daniel Memmert
University of Paderborn, Psychology and Movement Science

Talks, Monday, 17:00 - 18:30

Symposium

How human information processing is shaped by its multisensory nature

00/0020

Ann-Katrin Wesslein

- 17:00 **Implied tactile motion: Localizing dynamic stimulations on the skin**
Simon Merz¹, Hauke S. Meyerhoff², Charles Spence³ & Christian Frings¹
¹University of Trier; ²Leibniz-Institut für Wissensmedien; ³University of Oxford
- 17:15 **Visual dominance in long-term memory for naturalistic scenes: Evidence from study-test congruency experiments**
Hauke S. Meyerhoff¹, Frank Papenmeier² & Markus Huff³
¹Leibniz-Institut für Wissensmedien; ²University of Tübingen, Department of Psychology; ³Department of Research Infrastructures, German Research Institute for Adult Education
- 17:30 **It's just a matter of focus: distractor processing in a multisensory flanker task is modulated by gaze**
Anne Jensen¹, Simon Merz¹, Charles Spence² & Christian Frings¹
¹University of Trier, Cognitive Psychology; ²University of Oxford, Crossmodal Research Laboratory
- 17:45 **Do irrelevant conceptual features automatically trigger crossmodal response retrieval?**
Julien Schweitzer¹, Ann-Katrin Wesslein² & Friedrich W. Hesse¹
¹Leibniz-Institut für Wissensmedien Tübingen; ²University of Tübingen
- 18:00 **Object file binding of irrelevant auditory events: Evidence from the cross-modal oddball task**
Malte Möller¹, Susanne Mayr¹ & Axel Buchner²
¹University of Passau, Chair of Psychology and Human-Machine Interaction; ²Heinrich-Heine University, Düsseldorf, Cognitive and Industrial Psychology

Talk session

Consumer psychology

00/0030

Mandy Nuszbaum

- 17:00 **Mere selection increases the value of known products**
Nadiia Makarina¹, Ronald Hübner² & Sebastian Dummel³
¹University of Konstanz, Cognitive Psychology and GSDS; ²University of Konstanz, Cognitive Psychology; ³Universität zu Köln, Differentielle Psychologie und Psychologische Diagnostik
- 17:15 **Less is more! Cross-modal Effects of Music Event Rate on Product Perceptions**
Robert Schorn¹, Alexandra Brunner-Sperdin² & Dagmar Abfalter³
¹UMIT - University for Health Sciences, Medical Informatics and Technology, Institute of Psychology; ²University of Applied Sciences, Kufstein; ³University of Music and Performing Arts

- 17:30 **Bridging the gap between science and practice – Affect Misattribution Procedure as ecological and easy to manage tool to measure implicit brand attitudes**
Mandy Nuszbaum & Tanja Krause
FOM University of Applied Sciences, Business Psychology
- 17:45 **Number of users as a heuristic for making decision: advice-taking in social media**
Guillermo Carbonell¹, Matthias Brand¹ & Dar Meshi²
¹University of Duisburg-Essen, General Psychology: Cognition; ²Michigan State University, Social and Media Neuroscience Lab
- 18:00 **Thinking Locally or Globally? – Trying to Overcome the Tragedy of Personnel Evaluation**
Momme von Sydow¹, Niels Braus² & Ulrike Hahn³
¹Ludwig-Maximilians-Universität München, MCMP; ²Ruprecht-Karls-Universität Heidelberg, Institut für Psychologie, Sozialpsychologie; ³Birkbeck College University of London, Department of Psychology

Symposium

Predictions in sensorimotor control

00/0070

Dimitris Voudouris & Katja Fiehler

- 17:00 **Time course of tactile modulation in reaching**
Dimitris Voudouris & Katja Fiehler
Experimental Psychology, Giessen University
- 17:15 **Prediction in saccadic eye movement**
Markus Lappe
University of Muenster, Institute for Psychology
- 17:30 **Prediction in the oculomotor system**
Alexander Goettker¹, Doris I Braun², Alexander C Schütz³ & Karl R Gegenfurtner²
¹Justus-Liebig University, Experimental Psychology; ²Justus-Liebig University Giessen, Experimental Psychology; ³Philipps-University Marburg, Sensomotoric learning
- 17:45 **Predicting and perceiving multisensory consequences of one's own action**
Bianca van Kemenade
Philipps-University Marburg, Department of Psychiatry and Psychotherapy
- 18:00 **Role of the cerebellum in adaptation to delayed action effects**
Liyu Cao
University of Würzburg, Department of Psychology

Talk session

Working memory

01/0010

Jan Philipp Röer

- 17:00 **A new critical test for discrete-state models of change detection based on likelihood-ratios**
Samuel Winiger¹, Henrik Singmann¹, David Kellen² & Klaus Oberauer¹
¹University of Zurich, Department of Psychology, Cognition Unit; ²Syracuse University

Talks, Monday, 17:00 - 18:30

- 17:15 **Adaptive Control of Working Memory**
Eva-Maria Hartmann, Stefanie Ochsenkühn, Marco Steinhauser & Miriam Gade
Katholische Universität Eichstätt Ingolstadt, General Psychology
- 17:30 **Semantic mismatches and attention shifts to the auditory modality**
Jan Philipp Röer¹, Raoul Bell² & Axel Buchner²
¹Witten/Herdecke University; ²Heinrich Heine University Düsseldorf
- 17:45 **Proactive Item Distortions in Visual Working Memory**
Stefan Czoschke¹, Benjamin Rahm², Benjamin Peters¹, Jochen Kaiser¹ & Christoph Bledowski¹
¹Goethe University, Institute of Medical Psychology; ²Albert-Ludwigs-University, Medical Psychology and Medical Sociology
- 18:00 **Working Memory Capacity Facilitates the Generation of Free Choices**
Christoph Naefgen & Markus Janczyk
Tübingen University, Cognition and Action

Symposium

Cognitive Models in Judgment and Decision Making

01/0020

Henrik Singmann & Thorsten Pachur

- 17:00 **Moral bookkeeping: A cognitive model of moral judgments**
Henrik Singmann¹, Igor Douven², Frank Hindriks³ & Sylvia Wenmackers⁴
¹University of Zurich; ²CNRS/Paris-Sorbonne University; ³University of Groningen; ⁴KU Leuven
- 17:15 **Take it easy: Using cumulative prospect theory to understand the influence of option complexity on age differences in risk attitude**
Veronika Zilker & Thorsten Pachur
Max Planck Institute for Human Development, Center for Adaptive Rationality
- 17:30 **Unstacking judgments: What response distributions reveal about the cognitive process in multiple-cue judgments**
Rebecca Albrecht¹, Janina A. Hoffmann², Timothy J. Pleskac³, Jörg Rieskamp¹ & Bettina von Helversen⁴
¹University of Basel; ²University of Konstanz; ³Max Planck Institute for Human Development; ⁴University of Zurich
- 17:45 **Information search in decisions from experience**
Mikhail S. Spektor & Dirk U. Wulff
University of Basel, Faculty of Psychology
- 18:00 **Parameter collision in probabilistic models of cognition: How to separate parameterization of evidence strength and choice noise**
Antonia Krefeld-Schwalb¹, Thorsten Pachur² & Benjamin Scheibehenne¹
¹University of Geneva, Geneva School of Economics and Management; ²Max Planck Institute for Human Development
- 18:15 **Leave-One-Trial-Out (LOTO): A very simple and very general method to capture trial-by-trial variability in cognitive model parameters**
Sebastian Gluth & Nachshon Meiran
University of Basel, Department of Psychology

Talk session

Traffic psychology

01/0030

Martin Baumann

17:00

Visuelle und akustische Ablenkung bei jungen und älteren Autofahrern im Fahrsimulator – eine EEG-Studie

Melanie Karthaus, Edmund Wascher & Stephan Getzmann
 Leibniz Research Centre for Working Environment and Human Factors (IfADo),
 Department of Ergonomics

17:15

Blind Haste: As Light Decreases, Speeding Increases

Michael Schulte-Mecklenbeck¹ & Emanuel DeBellis²
¹University of Bern; Max Planck Institute for Human Development; ²University of St. Gallen

17:30

The anticipatory driving interval: the effect of cognitive load and cue characteristics

Kristin Muehl
 Ulm University, Department Human Factors, Institute of Psychology and Education, Faculty of Engineering, Computer Science and Psychology

17:45

Investigating the Influences of Time to Collision and Closing Speed on Driver Uncertainty in Lane Change Maneuvers

Fei Yan¹ & Martin Baumann²
¹OFFIS- Institute for Information Technology; ²Ulm University

18:00

Assessment tool for measuring a driver's willingness of interaction

Jonas Imbsweiler, Jeanine Bachmann, Julius Braun, Tobias Weyer & Barbara Deml
 Karlsruhe Institute of Technology - ifab - Institute of Human and Industrial Engineering

Talk session

Divided attention

01/0110

Andrea Kiesel

17:00

Fatigue and Resting Related Changes in a Dual-two-Back Task

András Matuz¹, Orsolya Simon¹, István Hernádi², Zsolt Kisander¹, Kázmér Karádi¹ & Árpád Csathó¹
¹University of Pécs, Institute of Behavioural Sciences; ²University of Pécs, Department of Experimental Neurobiology

17:15

Temporal predictability of between-task interference in dual tasking: Foreperiods as contextual cues modulate the backward compatibility effect

Victor Mittelstädt¹, Andrea Kiesel¹, Rico Fischer², Tobias Rieger¹ & Roland Thomaschke¹
¹University of Freiburg, Department of Psychology; ²University of Greifswald, Department of Psychology

17:30

Sources of task prioritization: The interplay of response modalities and task order

Mareike Amelie Hoffmann, Aleks Pieczykolan & Lynn Huestegge
 University of Würzburg, Department of Psychology

Talks, Monday, 17:00 - 18:30

- 17:45 **Eyes into the future: Temporal shifts of oculomotor action perception during concurrent execution of manual actions**
Aleks Pieczykolan & Lynn Huestegge
University of Würzburg, Department of Psychology
- 18:00 **Predictability as a task-specific performance enhancer in multitasking**
Laura Broeker
German Sport University Cologne, Institute of Psychology - Department of Performance Psychology
- 18:15 **Modality compatibility biases voluntary choice of response modality in task switching**
Edina Fintor, Edita Poljac, Denise N. Stephan & Iring Koch
RWTH Aachen University

Talk session

Emotions

01/0120

Kristina Loderer

- 17:00 **Impaired implicit acquisition of spatial context information during increased arousal**
Thomas Maran, Simon Liegl, Lucas Haraped & Pierre Sachse
General and Experimental Psychology, Department of Psychology, University of Innsbruck
- 17:15 **The influence of decorative pictures on online learning of mathematics**
Maria Mikheeva, Günter Daniel Rey & Maik Beege
Chemnitz University of Technology, Psychology of learning with digital media
- 17:30 **The Impact of Emotions on Cognitive Processing during Text Learning**
Kristina Loderer¹, Christof Kuhbandner² & Reinhard Pekrun³
¹Ludwig-Maximilians-Universität München (University of Munich, LMU), Department of Psychology; ²Universität Regensburg, Institut für Experimentelle Psychologie, Lehrstuhl für Psychologie VI; ³Ludwig-Maximilians-Universität München (University of Munich, LMU), Department of Psychology; Australian Catholic University Sydney
- 17:45 **The other end of the line: Motivational direction cannot be measured by spatial biases in line bisection**
Giulia Pugnaghi¹, Carina Kreitz¹, Daniel Memmert¹ & Robert Schnürch²
¹German Sport University Cologne, Institute of Training and Computer Science in Sport; ²University of Bonn, Department of Psychology
- 18:00 **Crow's feet and frown lines – Successful automatic extraction of authenticity of emotional facial expressions depends on the surrounding context**
Vincent Exner¹, Andrea Paulus² & Julia Kozlik¹
¹University of Greifswald, Psychological Institute; ²Technical University of Munich, Chair of Psychology
- 18:15 **Being in a good mood makes you put more /i:/s in names, but only if you can smile**
Susann Ullrich¹, Ralf Rummer¹, Christian Dobel² & Gerd Fabian Volk³
¹Universität Erfurt, Allgemeine Psychologie und Instruktionspsychologie; ²Universität Jena, Institut für Psychologie, Experimentelle HNO Wissenschaft; ³Universität Jena, Universitätsklinikum Klinik für Hals-, Nasen- und Ohrenheilkunde

Symposium

Lost for words - A symposium on the relationship between language and perception

02/0090

Florian Goller

- 17:00 **I spy with my little eye: About features that capture the attention of Korean speakers but not of German speakers**
Florian Goller¹, Soonja Choi² & Ulrich Ansorge¹
¹University of Vienna, Department of Basic Psychological Research and Research Methods; ²San Diego State University, Department of Linguistics and Asian/Middle-Eastern Languages; University of Vienna, Faculty of Philological and Cultural Studies
- 17:15 **Ping-pong: attentional mechanisms during visual and linguistic encoding**
Ines Marberg & Johannes Gerwien
University of Heidelberg, Institute for German as a Foreign Language Philology
- 17:30 **Spatial referencing across languages**
Annelie Rothe-Wulf¹, Sieghard Beller² & Andrea Bender²
¹University of Freiburg, Department of Psychology; ²University of Bergen, Department of Psychosocial science
- 17:45 **Language Effects in Top-Down Search for Colors**
Diane Baier & Ulrich Ansorge
University of Vienna, Department of Basic Psychological Research and Research Methods
- 18:00 **Neo's spoon and Newton's apples: What material properties are part of object representations?**
Lorlei M. Alley, Alexandra C. Schmid & Katja Dörschner
Justus-Liebig-Universität Gießen, Psychologie u. Sportwissenschaft
- 18:15 **Lexical access on behalf of task partner: electrophysiological insights from Joint Picture Naming**
Anna Katharina Kuhlen & Rasha Abdel Rahman
Neurokognitive Psychologie, Institut für Psychologie, Humboldt Universität zu Berlin

Talks, Tuesday, 08:30 - 10:00

Talk session

Perception: Visibility and awareness

00/0020

Guido Hesselmann

- 08:30 **Crowding in real depth - The impact of size and defocus blur**
Lisa Valentina Eberhardt & Anke Huckauf
Ulm University, General Psychology
- 08:45 **Brighter is not always better: High salience can slow responses to warning signals**
Christiane R. Neubert¹, Wolfgang Einhäuser², Sabine Grimm³ & Alexandra Bendixen¹
¹Chemnitz University of Technology, Institute of Physics - Cognitive Systems Lab;
²Chemnitz University of Technology, Institute of Physics - Physics of Cognition Group;
³Leipzig University, Institute of Psychology - Cognitive and Biological Psychology;
Chemnitz University of Technology, Institute of Physics - Cognitive Systems Lab
- 09:00 **Reviewing evidence for superior unconscious processing - Do we really perceive more than we know?**
Sascha Meyen, Ulrike von Luxburg & Volker H Franz
Eberhard Karls University of Tübingen, Department of Computer Science
- 09:15 **Cognitive modelling reveals subjective visibility depends on task-relevant and task-irrelevant features as well as detection of motor errors**
Manuel Rausch & Michael Zehetleitner
Katholische Universität Eichstätt-Ingolstadt, Psychologie II
- 09:30 **Category-selective processing in the two visual pathways as a function of visibility**
Guido Hesselmann, Natasha Darcy & Philipp Sterzer
Charité-Universitätsmedizin Berlin
- 09:45 **When predictive coding impedes perception**
Ellen Joos¹ & Jürgen Kornmeier²
¹INSERM U1114, Cognitive Neuropsychology and Pathophysiology of Schizophrenia, University of Strasbourg; University of Freiburg, Medical Center, Department of Psychiatry and Psychotherapy; Institute for Frontier Areas of Psychology and Mental Health, Perception and Cognition Group; ²University of Freiburg, Medical Center, Department of Psychiatry and Psychotherapy; Institute for Frontier Areas of Psychology and Mental Health, Perception and Cognition Group

Symposium

Going where no researcher has gone before - cognitive control without homunculus? I

00/0030

Miriam Gade & Alodie Rey-Mermet

- 08:30 **To solve several conflicts concurrently, do we need more control or more slowing?**
Alodie Rey-Mermet & Miriam Gade
Catholic University of Eichstätt-Ingolstadt, General Psychology
- 08:45 **Probing attentional adjustment**
Mike Wendt
Medical School Hamburg, Faculty of Human Sciences
- 09:00 **The impact of cognitive control demands on subsequent memory performance**
Michèle Friedli & Beat Meier
University of Bern, Experimental Psychology and Neuropsychology
- 09:15 **Age differences in the flexible use of cognitive control: ERP and behavioral evidence for life-span differences in reactive and proactive control**
Daniela Czernochowski
University of Kaiserslautern, Center for Cognitive Science
- 09:30 **Monitoring in cognitive control: a distinct right-lateralized prefrontal process**
Antonino Vallesi
University of Padova, Department of Neuroscience
- 09:45 **Evaluating a Learning Model of Attentional Control on the Wisconsin Card Sorting Test**
Alexander Steinke¹, Florian Lange², Caroline Seer³ & Bruno Kopp¹
¹Hannover Medical School, Department of Neurology; ²Hannover Medical School, Department of Neurology; KU Leuven, Behavioral Engineering Research Group; ³Hannover Medical School, Department of Neurology; KU Leuven, Department of Movement Sciences, Movement Control & Neuroplasticity Research Group

Talk session

Action and Motor Control

00/0070

Benjamin Straube

- 08:30 **Pimping Inhibition: anodal tDCS enhances stop-signal reaction time**
Maximilian Achim Friehs & Christian Frings
University of Trier
- 08:45 **The processing of visual consequences of active vs. passive movements: A tDCS study**
Benjamin Straube, Rasmus Schülke, Knut Drewing, Tilo Kircher & Bianca van Kemenade
Philipps-Universität Marburg, Klinik für Psychiatrie und Psychotherapie

Talks, Tuesday, 08:30 - 10:00

- 09:00 **Comparing ideo-motor and socio-motor control of eye movements**
Eva Riechelmann, Anne Böckler, Tim Raettig & Lynn Huestegge
University of Wuerzburg, Psychological Methods, Cognition, and Applied Research
- 09:15 **Human Visual Grasp Selection**
Guido Maiello, Lina K Klein, Vivian C Paulun & Roland W Fleming
Justus-Liebig University Gießen, Department of Experimental Psychology
- 09:30 **Cognitive performance under motor demands – On the influence of task difficulty and postural control**
Magnus Liebherr¹, Hanna Weiland-Breckle², Tanja Grewe³ & Petra B. Schumacher²
¹University of Duisburg-Essen, Department of General Psychology: Cognition; ²University of Cologne, Department of German Language and Literature I; ³Hochschule Fresenius, University of Applied Sciences, Faculty of Health and Social Sciences
- 09:45 **My mistake? Enhanced error processing for commanded compared to passively observed actions**
Lisa Weller, Katharina A. Schwarz, Wilfried Kunde & Roland Pfister
University of Wuerzburg, Department of Psychology III

Symposium

Visual working memory: Topics, theories, and approaches I

01/0010

Heinrich Liesefeld & Markus Conci

- 08:30 **Changing working memory states by means of retroactive cues: What can lateralized effects in the EEG tell us?**
Daniel Schneider, Anna Barth, Laura-Isabelle Klatt & Edmund Wascher
Leibniz Research Centre for Working Environment and Human Factors
- 08:45 **Prioritization across distributed neural stores for visual working memory**
Thomas B. Christophel, Polina Iamshchinina, Chang Yan, Carsten Allefeld & John-Dylan Haynes
BCCN Berlin
- 09:00 **Independent effects of eye and hand movements on visual working memory**
Nina Maria Hanning & Heiner Deubel
Ludwig-Maximilians-Universität München, Allgemeine und Experimentelle Psychologie
- 09:15 **Rhythmic modulation of object-based attention in working memory**
Benjamin Peters¹, Benjamin Rahm², Jochen Kaiser¹ & Christoph Bledowski¹
¹Institute of Medical Psychology, Goethe-University Frankfurt am Main; ²Medical Psychology and Medical Sociology, Albert Ludwigs University of Freiburg
- 09:30 **How an executive control mechanism gates access to visual working memory**
Heinrich René Liesefeld¹ & Hermann J. Müller²
¹Department Psychologie, Ludwig-Maximilians-Universität München; Graduate School of Systemic Neuroscience; ²Department Psychologie, Ludwig-Maximilians-Universität München; Birkbeck College

09:45 **The cost of processing multiple feature dimensions in visual working memory**
Thomas Töllner
Ludwig-Maximilians-Universität München

Talk session

Decision making I

01/0020

Elisa Wegmann

08:30 **Predicting value-based decisions using a memory model**

Tamara Gomilsek, Wolfgang Gaissmaier & Janina Anna Hoffmann
University of Konstanz, Department for Psychology

08:45 **Do we choose what we remember because we pay more attention to it?**

Regina Agnes Weillbacher¹, Jörg Rieskamp¹, Ian Krajbich² & Sebastian Gluth¹
¹University of Basel, Faculty of Psychology; ²Ohio State University, Department of Psychology

09:00 **Too good to be true? Behavioral and pupillometric signatures of surprise in risk–reward environments**

Christina Leuker, Thorsten Pachur, Ralph Hertwig & Timothy J Pleskac
Max Planck Institute for Human Development

09:15 **Should I sit or should I stand – On the relevance of motor demands on decision making under objective risk**

Heike Averbek¹, Magnus Liebherr¹, Patric Schubert² & Matthias Brand¹
¹University of Duisburg-Essen, Department of General Psychology: Cognition;
²Hochschule Fresenius, University of Applied Sciences, Faculty of Health and Social Sciences

09:30 **Credit Assignment and Reinforcement Learning in Environments with Multiple Feedback**

Franz Wurm, Benjamin Ernst & Marco Steinhauser
Catholic University of Eichstätt-Ingolstadt

09:45 **Decision support as a possibility to improve decision-making performance in patients with mild Alzheimer's disease**

Elisa Wegmann¹, María García Arías², Silke M. Müller¹ & Matthias Brand³
¹University of Duisburg-Essen, General Psychology: Cognition and Center for Behavioral Addiction Research (CeBAR); ²Universidad Francisco de Vitoria Gabinete de Orientación Educativa; ³University of Duisburg-Essen, General Psychology: Cognition and Center for Behavioral Addiction Research (CeBAR); Erwin L. Hahn Institute for Magnetic Resonance Imaging

Symposium

Mensch-Maschine-Interaktion im Zuge der Automatisierung und Vernetzung von Fahrzeugen I

01/0030

Christine Sutter, Anja K. Huemer & Michael Oehl

08:30

Kognitionspsychologische Erkenntnisse zum hochautomatisierten Fahren – eine Übersicht

Manfred Thüring, Fabienne Roche & Stefan Brandenburg
Technical University Berlin, Department of Psychology and Ergonomics

08:45

Bewertung kritischer Verkehrssituationen während einer vollautomatisierten Fahrt

Leonie Gauer
Katholische Universität Eichstätt-Ingolstadt, Allgemeine Psychologie II

09:00

Besser abgelenkt als eingeschlafen? Übernahme der manuellen Steuerung nach hochautomatisiertem Fahren

Tobias Vogelpohl & Mark Vollrath
Technische Universität Braunschweig, Department of Engineering and Traffic Psychology

09:15

Perzeptuelle Sichtbedingungen beeinflussen unsere Fähigkeit, adäquat auf ein versagen automatisierter Fahrfunktionen zu reagieren

Martin Baumann¹ & Lewis Chuang²
¹Universität Ulm, Germany; ²Max Planck Institute for Biological Cybernetics

09:30

Erlernbarkeit von Übernahmeaufforderungen beim hochautomatisierten Fahren

Fabienne Roche, Stefan Brandenburg & Manfred Thüring
Technical University Berlin, Department of Psychology and Ergonomics

09:45

Der Kraftfahrer im Fokus: Nutzerzentrierte Entwicklung eines Konzepts für autonome Fahrfunktionen

Dominique Stimm, Julia Schäfer & Arnd Engeln
Hochschule der Medien

Symposium

Recent advances in TVA-based visual attention research

01/0110

Ingrid Scharlau, Kathrin Finke & Alexander Krüger

08:30

The Theory of Visual Attention: A model of endogenous and exogenous influences in prior entry

Alexander Krüger & Ingrid Scharlau
Paderborn University

08:45

A simpler task for deeper insights: TOJ + TVA, and their application to animal data

Jan Tünnermann & Ingrid Scharlau
Paderborn University, Psychology

09:00

Three Weeks of SSRI Administration enhances the Visual Perceptual Threshold - A Randomized Placebo-Controlled Study

Jon Lansner
University of Copenhagen, Center for Visual Cognition

- 09:15 **The role of the cerebellum in motor-cognitive dual-tasking**
Erika C. S. Künstler, Kathrin Finke, Albrecht Günther, Carsten Klingner & Peter Bublak
Hans Berger Department of Neurology, Jena University Hospital
- 09:30 **Visual processing capacity in multiple sclerosis: experimental induction of cognitive fatigue based on a 'theory of visual attention' (TVA)**
Steffen Kluckow¹, Philipp M Berg², Matthias Schwab¹, Otto Witte¹ & Peter Bublak¹
¹Jena University Hospital; ²Philipps University Marburg
- 09:45 **TVA-based assessment of visual processing capacity in patients with idiopathic REM sleep behaviour disorder**
Peter Bublak
Jena University Hospital, Hans Berger Department of Neurology

Talk session

Aggression and Morality

01/0120

Gerd Bohner

- 08:30 **Effects of Emotional Victim Responses on Aggressive Behaviour**
Vanessa Mitschke¹, Mario Gollwitzer² & Andreas B Eder¹
¹University of Würzburg, Department of Psychology; ²Philipps-Universität Marburg, Department of Psychology
- 08:45 **Law Students' Judgments of a Rape Victim's Statement: The Role of Displays of Emotion and Acceptance of Sexual Aggression Myths**
Gerd Bohner & Evelyn Schapansky
Universität Bielefeld, Department of Psychology
- 09:00 **To kill or not to kill – Scrutinizing the effects of personal involvement, death avoidability, and egoistic incentives on moral judgment in sacrificial dilemmas**
Max Hennig & Mandy Hütter
Eberhard Karls Universität Tübingen
- 09:15 **The Influence of Plausibility Variation on Moral Dilemma Judgments**
Anita Körner & Roland Deutsch
Universität Würzburg, Lehrstuhl für Psychologie II
- 09:30 **Clear moral judgments based on unclear evidence: Person evaluation is strongly influenced by untrustworthy gossip**
Julia Baum, Milena Rabovsky, Sebastian Rose & Rasha Abdel Rahman
Humboldt-Universität zu Berlin, Institut für Psychologie, Neurokognitive Psychologie
- 09:45 **Zum Einfluss sozialer Erwünschtheit auf Selbstberichte der Organspendebereitschaft – eine experimentelle Validierung zweier Non-Randomized-Response-Verfahren**
Adrian Hoffmann & Jochen Musch
University of Duesseldorf, Department of Psychology

Symposium

Emotion in words: Shedding light on emotional language production, perception and evaluation.

02/0090

Sebastian Schindler & Johanna Kissler

08:30

Measuring potency in words with the semantic differential

Marina Palazova¹, Birgit Stürmer¹ & Annekathrin Schacht²

¹International Psychoanalytic University Berlin; ²Georg-August-Universität Göttingen

08:45

When positive and negative is not the same: Evaluation of emotional words using event-related potentials

Sebastian Schindler

Ghent University; Bielefeld University

09:00

How mood affects processing of emotional adjectives in L1 and L2 - an ERP study

Johanna M Kißler¹ & Katarzyna Bromberek-Dyzman²

¹Bielefeld University, Department of Psychology, Affective Neuropsychology; ²Adam Mickiewicz University, Faculty of English, Language and Communication Laboratory

09:15

Insights into embodied language: neural activity during body-related and emotional word processing

Christine Wiebking¹, Christina Ralph-Nearman² & Cornelia Herbert¹

¹Ulm University, Applied Emotion and Motivation Research; ²University of Nottingham, School of Psychology

09:30

Swearing and Taboo Word Production: Behavioral and Electrophysiological Correlates

Rasha Abdel Rahman & Lana Rohr

Humboldt-Universität zu Berlin

Talks, Tuesday, 10:30 - 12:00

Symposium

Perceptual stability

00/0020

Emma E. M. Stewart & Alexander C. Schütz

10:30 **Localization of objects across saccades based on intra-saccadic motion streaks**

Richard Schweitzer¹ & Martin Rolfs²

¹Bernstein Center for Computational Neuroscience Berlin; Humboldt-Universität zu Berlin, Department of Psychology; Humboldt-Universität zu Berlin, Berlin School of Mind and Brain; ²Bernstein Center for Computational Neuroscience Berlin; Humboldt-Universität zu Berlin, Department of Psychology

10:45 **Rapid spatiotopic updating across saccades**

Jasper Fabius

Utrecht University, Helmholtz Institute, Experimental Psychology

11:00 **Numerosity estimation benefits from transsaccadic information integration**

Carolin Hübner & Alexander C. Schütz

Philipps-Universität Marburg

11:15 **Mechanisms underlying trans-saccadic integration**

Emma Elizabeth Marshall Stewart & Alexander C Schütz

Philipps-Universität Marburg, AG Allgemeine und Biologische Psychologie

11:30 **Visual feature prediction before saccadic eye movements**

Arvid Herwig & Christian H. Poth

Bielefeld University, Department of Psychology & CITEC

11:45 **Trans-saccadic learning promotes perceptual stability**

Matteo Valsecchi

Justus-Liebig-Universität Giessen, Abteilung Allgemeine Psychologie

Symposium

Going where no researcher has gone before - cognitive control without homunculus? II

00/0030

Miriam Gade & Alodie Rey-Mermet

10:30 **An Episodic Memory Account of Cued Task Switching**

James R. Schmidt, Baptist Liefoghe & Jan De Houwer

Ghent University

10:45 **Biased competition to account for task choice in self-organized task switching**

Andrea Kiesel¹, Victor Mittelstädt¹ & Jeff Miller²

¹Albert-Ludwigs-Universität Freiburg; ²University of Otago

11:00 **Context-specific instruction implementation**

Senne Braem

Ghent University

Talks, Tuesday, 10:30 - 12:00

11:15 **Simon says, do not turn by 90 degrees - investigating the impact of stimulus material, stimulus orientation and inner speech habits on the Simon effect**

Miriam Gade¹, Michel D Druet² & Marko Paelecke³

¹Katholische Universität Eichstätt-Ingolstadt; ²University of Konstanz; ³University of Würzburg

11:30 **Discussion**

Marco Steinhauser

Katholische Universität Eichstätt-Ingolstadt

Symposium

What about the Cinderella of Psychology? Motor perspectives on human cognitive processing

00/0070

David Franklin & Mathias Hegele

10:30 **Visuomotor binding**

Alexandra Reichenbach

Hochschule Heilbronn, Fakultät für Informatik

10:45 **Competition between reach targets within the fast visuomotor pathway**

Luc Selen

Donders Institute for Brain, Cognition and Behaviour Radboud University Nijmegen

11:00 **Sensorimotor cues giving rise to independent learning of motor memories**

David W. Franklin

Technical University of Munich, Department of Sport and Health Sciences

11:15 **Sensorimotor learning and decision-making in uncertain environments**

Daniel Braun

Institute of Neural Information Processing, Ulm University

11:30 **Characterizing explicit and implicit contributions to visuomotor adaptation**

Mathias Hegele

Justus-Liebig University, Department of Psychology and Sport Science

Symposium

Visual working memory: Topics, theories, and approaches II

01/0010

Heinrich Liesefeld & Markus Conci

10:30 **Visual working memory biases attention in an involuntarily object-based manner: Evidence from visual search with varying targets**

Rebecca M. Förster & Werner X. Schneider

Bielefeld University, Neurocognitive Psychology & Cognitive Interaction Technology Cluster of Excellence CITEC

- 10:45 **The visual representation of templates for rejection**
 Reshanne R Reeder¹, Christian N L Olivers² & Stefan Pollmann³
¹Otto-von-Guericke University, Institute of Psychology; ²Vrije Universiteit, Department of Experimental and Applied Psychology; ³Otto-von-Guericke University, Institute of Psychology, Magdeburg; Germany Center for Behavioral Brain Sciences
- 11:00 **Task demands bias structural representations in visual working memory: Global- and local-level hierarchical object benefits**
 Markus Conci, Heinrich René Liesefeld, Hermann J. Müller & Qi-Yang Nie
 Ludwig-Maximilians-Universität München, Department Psychologie
- 11:15 **An Interference Model of Visual Working Memory: Applications to Change Detection**
 Hsuan-Yu Lin & Klaus Oberauer
 Department of Psychology, University of Zurich
- 11:30 **Age and individual differences in visual working memory: the role of trial-by-trial fluctuations in attentional control**
 Kerstin Jost¹, Atsushi Kikumoto², Tina Schwarzkopp³ & Ulrich Mayr²
¹Brandenburg Medical School, Psychology; RWTH Aachen University, Institute of Psychology; ²University of Oregon, Department of Psychology; ³RWTH Aachen University, Institute of Psychology
- 11:45 **Frontoparietal EEG phase coupling reflects the successful memory encoding of constructed objects during maintenance in visual working memory**
 Patrick H. Khader¹, Frank Rösler² & Julia A. Ewerdwalbesloh³
¹Brandenburg Medical School, Psychology; ²University of Hamburg, Psychology; ³Ludwig-Maximilians-Universität, Department of Psychology

Talk session

Decision making II

01/0020

Thorsten Pachur

- 10:30 **An analysis of response times in probability judgments based on the Dual-Process Diffusion Model**
 Jonas Ludwig, Fabian Klaus Ahrens & Anja Achtziger
 Zeppelin Universität Friedrichshafen, Department of Political and Social Sciences
- 10:45 **Making inferences from bets: What would a Bayesian do?**
 Christin Schulze & Timothy J. Pleskac
 Max Planck Institute for Human Development, Center for Adaptive Rationality
- 11:00 **Theoretical and Empirical Comparison of Parallel Constraint Satisfaction and Leaky Accumulator Models**
 Tillmann Netts & Andreas Glöckner
 FernUniversität in Hagen, Institut für Psychologie
- 11:15 **Beyond mean comparisons: a model based process-level comparison of online and laboratory based experimental data**
 Luisa Horsten, Felix Henninger & Benjamin E. Hilbig
 University of Koblenz-Landau, Cognitive Psychology

Talks, Tuesday, 10:30 - 12:00

- 11:30 **Paved with Gut Intuitions? Dissecting Differences between Intuitive and Deliberate Decision Makers in Complex Risky Decisions**
Thorsten Pachur¹, Helen Steingroever² & Michael M. Lee³
¹Max Planck Institute for Human Development; ²University of Amsterdam; ³University of Irvine
- 11:45 **Interpersonal closeness impairs the ability to recall trust decisions**
Pinar Ugurlar, Michael Zürn & Ann-Christin Posten
University of Cologne, Social Cognition Center Cologne

Symposium

Mensch-Maschine-Interaktion im Zuge der Automatisierung und Vernetzung von Fahrzeugen II

- 01/0030** Christine Sutter, Anja K. Huemer & Michael Oehl
- 10:30 **Systematisierungsentwurf für fahrfremder Tätigkeiten bei hochautomatisierter Fahrt**
Andreas Lars Mueller
Technische Universität Darmstadt, Ergonomics & Human Factor
- 10:45 **Beanspruchungswirkung von Interaktionskonzepten für Nebenaufgaben während der Fahrt**
Nikolai Pärsch¹, Arnd Engeln² & Martin Baumann³
¹Dr. Ing. h.c. F. Porsche AG, HMI Anzeige und Bedienung; ²Stuttgart Media University, Market- & Advertising Research, Traffic & Transport Psychology; ³Ulm University, Human Factors
- 11:00 **Kontaktanaloges Distanz-Tachometer - Auswirkungen auf das Situationsbewusstsein, die Geschwindigkeitsregulierung und die Arbeitsbelastung**
Frederik Schewe & Mark Vollrath
Technische Universität Braunschweig, Institut für Psychologie, Ingenieur- und Verkehrspsychologie
- 11:15 **Untersuchung expliziter und impliziter Kommunikationsformen zwischen Fußgängern und automatisierten Fahrzeugen**
Claudia Witzlack, Luka-Franziska Bluhm, Sarah Schubert, Matthias Beggiato & Josef F. Krems
TU Chemnitz, Institut für Psychologie

Talk session

Dual task performance: Attention

- 01/0110** Sabine Schäfer
- 10:30 **The Binding of auditory Attention Switches and Task Switches**
Julia C Seibold, Sophie Nolden, Josefa Oberem, Janina Fels & Iring Koch
RWTH Aachen University
- 10:45 **Cognitive control in multimodal attention shifting - Electrophysiological and behavioral evidence**
Sophie Nolden, Sophia von Salm & Iring Koch
RWTH Aachen University, Cognitive and Experimental Psychology

- 11:00 **Cognitive load influences performance, speech and physiological parameters in a multimodal dual-task setting**
 Maria Wirzberger¹, Robert Herms², Shirin Esmaeili Bijarsari¹, Günter Daniel Rey¹ & Maximilian Eibl²
¹TU Chemnitz, Psychology of Learning with Digital Media; ²TU Chemnitz, Media Informatics
- 11:15 **Expertise in a demanding cognitive-motor dual-task situation: Performance advantages of table tennis experts compared to novices**
 Sabine Schäfer
 Saarland University, Institute of Sports Sciences
- 11:30 **Learning a Visuomotor Rotation in a Dual Task Paradigm**
 Lisa-Marie Langsdorf¹, Frederic Goehringer², Raphael Schween¹, Sven-Soeren Schwippert¹, Mathias Hegele¹ & Thomas Schenk²
¹Justus-Liebig-University, Neuromotor Behavior Lab, Department of Psychology and Sport Science; ²Ludwig-Maximilians-University, Clinical Neuropsychology, Department of Psychology
- 11:45 **Gender differences in multitasking**
 Patricia Hirsch¹, Iring Koch¹ & Julia Karbach²
¹RWTH Aachen University, Cognitive and Experimental Psychology; ²University of Koblenz Landau, Developmental and Educational Psychology

Talk session

Social interaction

01/0120

Michael Niedeggen

- 10:30 **Paying to seek or avoid social interactions**
 Johannes Schultz, Tom Willems, Ghada Chakkour, Alexander Franke & René Hurlemann
 University of Bonn, Division of Medical Psychology
- 10:45 **Does Peer Observation Specifically Increase Mid-Adolescents Risky Decisions?**
 Corinna Lorenz & Jutta Kray
 Universität des Saarlandes, Psychologie
- 11:00 **Negotiations by proxy are influenced by the client's identity**
 Janna Katrin Ruessmann & Sascha Topolinski
 University of Cologne, Social Cognition Center Cologne
- 11:15 **Expectancy for social participation: ERP correlates of a recalibration process**
 Michael Niedeggen¹ & Kerschreiter Rudolf²
¹FU Berlin, Experimental Psychology and Neuropsychology; ²FU Berlin, Social, Organizational and Economic Psychology
- 11:30 **Social influence can lead to a persistent perceptual bias**
 Markus Germar
 University of Hildesheim, Institute of Psychology

Talks, Tuesday, 10:30 - 12:00

- 11:45 **Collaborative Spatial Search within Walkable Virtual Environments – the Influence of Global Reference Information**
Maxine Hanrieder, Katja Kaiser, Adamantini Hatzipanayioti, Betty Mohler & Tobias Meilinger
Max Planck Institute for Biological Cybernetics, Department of Human Cognition, Perception and Action
- 12:00 **The influence of competence expectations on nonverbal behavior of learners**
Marcel Hackbart & Barbara Thies
Technische Universität Braunschweig, Institute of Educational Psychology

Symposium

Experimental approaches to language learning

02/0090

Kristin Lemhöfer & Eva Belke

- 10:30 **The acquisition of labels for auditory objects: An ERP study**
Samuel H Cospér¹, Claudia Männel² & Jutta L Mueller¹
¹Osnabrück University, Institute of Cognitive Science; ²Max Planck Institute for Human Cognitive and Brain Sciences; University Leipzig, Medical Faculty
- 10:45 **The development of eye-movements when learning to read in a new orthography**
Sascha Schroeder, Simon P. Tiffin-Richards & Katharina Pittrich
Max Planck Institute for Human Development MPRG REaD (Reading Education and Development)
- 11:00 **Statistical and orthographical influences on handwriting in German**
Jessica Ernst & Eva Belke
Ruhr-Universität Bochum, Sprachwissenschaftliches Institut
- 11:15 **Neural correlates of incidental L2 auditory word learning**
Kristin Lemhöfer, Julia Egger & James McQueen
Radboud University Donders Institute for Brain, Cognition and Behavior
- 11:30 **Articulatory information helps encode lexical contrasts in a second language**
Miquel Llompart & Eva Reinisch
Ludwig-Maximilians-University Munich, Institute of Phonetics and Speech Processing
- 11:45 **L1 and L2 distance effects in learning L3 Dutch**
Job Johannes Schepens
Freie Universität Berlin

Posters, Tuesday, 15:00 - 17:00

Decision making

- T-1-1 **Information use in intertemporal choice: Visual feedback alleviates melioration**
Felix Gaisbauer & Hansjörg Neth
Universität Konstanz, Department of Psychology
- T-1-2 **Rejecting regularity: Giving up pattern search in number sequences—individual differences and tentative processes**
Nico Gradwohl¹ & Hansjörg Neth²
¹University of Konstanz, Graduate School of Decision Sciences, Psychology; ²University of Konstanz, Social Psychology and Decision Sciences
- T-1-3 **The influence of sequential structure and temporal effect predictability on dual-task interference**
Monno Irina¹, Fang Zhao², Robert Gaschler³ & Thomaschke Roland¹
¹Albert-Ludwigs-Universität Freiburg, Institut für Psychologie Allgemeine Psychologie: Cognition, Action, and Sustainability; ²FernUniversität in Hagen, Institut für Psychologie, LG Allgemeine Psychologie, LME; ³FernUniversität in Hagen, Institut für Psychologie, LG Allgemeine Psychologie LME
- T-1-4 **Considering sustainability in buying decisions: The role of altruism and materialism**
Jennifer Janeczko¹, Gerrit Stöckigt¹ & Matthias Brand²
¹University of Duisburg-Essen, Department of General Psychology: Cognition and Center for Behavioral Addiction Research (CeBAR); ²General Psychology: Cognition and Center for Behavioral Addiction Research (CeBAR) Erwin L. Hahn Institute for Magnetic Resonance Imaging
- T-1-5 **“Sad, thus true” or “too good to be true”? Separating negativity and positivity biases in judgments of truth**
Lena Nadarevic
Universität Mannheim
- T-1-6 **Rule-based strategies and integration of cues in unsupervised judgement**
Tjasa Omerzu¹, Maarten Speekenbrink² & Janina Anna Hoffmann³
¹University of Konstanz, Graduate School of Decision Sciences; ²University College London, Department of Experimental Psychology, Division of Psychology and Language Sciences; ³University of Konstanz, Department of Psychology
- T-1-7 **Information Search in Every-Day Decisions: The Generalizability of the Attraction Search Effect**
Sophie Elisabeth Scharf, Arndt Bröder & Monika Wiegelmann
University of Mannheim, Department of Psychology
- T-1-8 **Validating the Attractor Dynamics Approach to Delay Discounting**
Ulrike Senfleben, Martin Schoemann & Stefan Scherbaum
Technische Universität Dresden, Department of Psychology

- T-1-9 **How graphical representation improves probability weighting in risky choice**
Kevin Tiede¹, Felix Henninger² & Benjamin E. Hilbig²
¹University of Konstanz, Department of Psychology; ²University of Koblenz-Landau
- T-1-10 **The diffusion model can be used to analyse slow response time tasks**
Mischa von Krause, Veronika Lerche, Gidon Frischkorn, Anna-Lena Schubert & Andreas Voss
University of Heidelberg, Psychologisches Institut

Language

- T-1-11 **The role of sensorimotor experience in the formation of novel word meanings**
Laura Bechtold¹, Marta Ghio¹, Marco Tettamanti² & Christian Bellebaum¹
¹Heinrich Heine University, Biological Psychology; ²IRCCS San Raffaele Scientific Institute, Nuclear Medicine and Division of Neuroscience
- T-1-12 **Green as a cbemcuru: visual color cues can help to solve anagrams**
Eduard Berndt, Carolin Dudschig & Barbara Kaup
University of Tübingen, Department of Psychology
- T-1-13 **Age-related differences in gesture perception and production**
Jutta Billino¹, Miriam Steines², Arne Nagels³, Tilo Kircher² & Benjamin Straube²
¹Allgemeine Psychologie, Justus-Liebig-Universität Gießen; ²Psychiatrie und Psychotherapie, Philipps-Universität Marburg; ³Allgemeine und Vergleichende Sprachwissenschaft, Johannes Gutenberg-Universität Mainz
- T-1-14 **Morphosyntactic processing in a masked priming paradigm**
Johannes Bommers¹, Ulrich Ansorge² & Maximilian Stein³
¹Georg August University Goettingen; ²University of Vienna, Faculty of Psychology; ³Georg August University Goettingen, Department of Experimental Psychology
- T-1-15 **Inability to decode predictable semantic categories from EEG during silent pauses in spoken language**
Edvard Aslak Heikel, Jona Sassenhagen & Christian J. Fiebach
Goethe University of Frankfurt
- T-1-16 **On putting 'cap to pen' or 'pen to cap': A cross-linguistic comparison of motion expressions, and gaze and memory behaviors in German and Korean speakers**
Alexandra Kroiss
University of Vienna, Department of Linguistics
- T-1-17 **The effect of event photographs on second-language learning of Vietnamese collocations**
Huong Thi Thu Nguyen, Katja Münster, Carsten Schlieve & Pia Knoeferle
Humboldt University of Berlin, Department of German Language and Linguistics
- T-1-18 **The resolution of complex anaphors**
Till Pachalli, Jessica Strozyk, Carolin Dudschig & Barbara Kaup
University of Tübingen, Department of Psychology

- T-1-19 **Is negation used to predict upcoming referents in a visual world paradigm?**
 Franziska Rück¹, Hartmut Leuthold², Carolin Dudschig¹ & Barbara Kaup¹
¹University Tübingen, Language & Cognition; ²University Tübingen, Biological Psychology
- T-1-20 **How embodied is action verb processing? Exploring the limits of effector-specific compatibility effects**
 Jessica Strozyk, Daniela Ahlberg, Jana Hoffstadt, Franziska Lepp & Barbara Kaup
 University of Tübingen
- T-1-21 **Testing boosts grammar acquisition: Insights from the learning of Latin morphosyntax**
 Katharina Wendebourg¹, Birgit Öttl², Eduard Berndt¹ & Barbara Kaup¹
¹Tübingen University; ²HU Berlin

Perception II

- T-1-22 **Investigating the temporal dynamics of object-scene integration using MVPA: The role of the N300/N400 complex in object perception**
 Dejan Draschkow, Edvard Aslak Heikel, Melissa L.-H. Vö, Christian J Fiebach & Jona Sassenhagen
 Goethe University Frankfurt
- T-1-23 **Seeing or hearing? – The influence of music and spatial surrounding on perceived atmosphere**
 Sonja Ehret, Carolin Schroeder & Roland Thomaschke
 University of Freiburg, Department of Psychology
- T-1-24 **Active tactile search strategies improve localization of touch**
 Xaver Fuchs & Tobias Heed
 Bielefeld University, Faculty of Psychology & Sports Science
- T-1-25 **Emotion-Evoked Central-Peripheral Trade-off Effects: Sensory gating and recall**
 Lana Husagic & Arianne Herrera-Bennett
 Ludwig Maximilian University, Psychology
- T-1-26 **Is there a SMARC effect for tones “without” different pitch height?**
 Stephanie Malek & Torsten Schubert
 Martin Luther University Halle-Wittenberg, Psychology Department
- T-1-27 **Face adaptation aftereffects on local information**
 Ronja Mueller¹, Sandra Utz², Claus-Christian Carbon² & Tilo Strobach¹
¹Medical School Hamburg, Department of Psychology; ²University of Bamberg, Department of Psychology
- T-1-28 **Haptic feedback improves number magnitude estimation**
 Jennifer Müller¹, Uwe Oestermeier², Korbinian Moeller³ & Peter Gerjets⁴
¹Eberhard Karls University of Tübingen, LEAD Graduate School & Research Network;
²Leibniz-Institut für Wissensmedien, Software Development Department; ³Leibniz-Institut für Wissensmedien, Neuro-cognitive Plasticity Lab; ⁴Leibniz-Institut für Wissensmedien, Multimodal Interaction Lab

Posters, Tuesday, 15:00 - 17:00

- T-1-29 **Distinguishing Gloss from Textured Matte Materials**
Konrad Eugen Prokott¹, Hideki Tamura² & Roland W. Fleming¹
¹Justus-Liebig-Universität, Fachbereich 06 Psychologie und Sportwissenschaften;
²Toyohashi University of Technology, Department of Computer Science and Engineering
- T-1-30 **The Vertical Dimension and Viewing Angle in the Perception of Artworks and Faces**
Lars-Michael Schöpfer¹ & Helmut Leder²
¹University of Trier, Department of Psychology; ²University of Vienna, Department of Basic Psychological Research and Research Methods
- T-1-31 **The true size of a familiar object influences 12-month-old infants' visual preferences**
Özlem Sensoy¹, Jody C Culham² & Gudrun Schwarzer¹
¹Justus-Liebig University, Department of Developmental Psychology; ²Western University, Brain and Mind Institute, Department of Psychology
- T-1-32 **Multitasking of Young and Older Adults in Ecologically Valid Scenarios – Virtual Car Driving**
Konstantin Wechsler¹, Christin Janouch², Uwe Drescher¹, Mathias Haeger¹, Otmar Bock¹ & Claudia Voelcker-Rehage²
¹German Sport University Cologne, Physiology and Anatomy; ²Chemnitz University of Technology, Institute of Human Movement Science and Health
- T-1-33 **A systematic comparison of the performance with different fingers in softness discrimination**
Aaron Cedric Zöllner & Knut Drewing
Justus-Liebig-Universität, Allgemeine Psychologie

Attention I

- T-2-1 **Investigating neurophysiological correlates of joint action**
Hossein Abbasi, Dominik Dötsch & Anna Schubö
Philipps-Universität Marburg, Psychology department
- T-2-2 **Lateralized alpha-power indicates selective forgetting in a retro-cuing paradigm**
Anna Barth¹, Edmund Wascher¹, Clayton Hickey² & Daniel Schneider¹
¹Leibniz Institut für Arbeitsforschung an der TU Dortmund (IfADo), Ergonomie; ²Center for Mind/Brain Sciences (CiMeC), University of Trento
- T-2-3 **Introspection about RTs in cued task switching**
Daniel Bratzke & Donna Bryce
Universität Tübingen, Fachbereich Psychologie
- T-2-4 **Judging the mood of the crowd: Attention is focused on happy faces**
Alica Bucher & Andreas Voss
Heidelberg University
- T-2-5 **Directly Comparing the Effects of Reward Prospect and Reward Reception on Conflict Adaptation**
Rebecca Calcott & Gesine Dreisbach
University of Regensburg, Psychology

- T-2-6 **Switching between two modalities under fatigue**
Árpád Csathó¹, András Matuz¹, Orsolya Simon¹ & István Hernádi²
¹University of Pécs, Institute of Behavioral Sciences; ²University of Pécs, Department of Experimental Neurobiology
- T-2-7 **COGNITION AND INHIBITORY PROCESSES IN INTERNET ADDICTION: STROOP-RELATED FMRI STUDY**
Gergely Darnai, Beatrix Lábadi, András Norbert Zsidó, Orsolya Inhof, Gergely Orsi, Gabor Perlaki, Szilvia Nagy & Jozsef Janszky
University of Pecs, Department of General and Evolutionary Psychology
- T-2-8 **Capacity limitations of dishonesty**
Anna Foerster, Robert Wirth, Wilfried Kunde & Roland Pfister
University of Würzburg, Department of Psychology III
- T-2-9 **Utility dependent processing of distractor information and reduction of distractor interference over time**
Imke Marilla Gillich¹, Mike Wendt² & Thomas Jacobsen¹
¹Helmut Schmidt University/University of the Federal Armed Forces Hamburg; ²Medical School Hamburg
- T-2-10 **The influence of task relevance in a dual task situation**
Clara Hellweg & Christina Bermeitinger
Universität Hildesheim, Institut für Psychologie
- T-2-11 **The effect of auditory stimuli in visual search task**
Orsolya Inhof, András Norbert Zsidó, Gergely Darnai, Beatrix Lábadi & György Révész
University of Pécs
- T-2-12 **Near-hand effect revisited: Potential of Virtual Reality (VR) to study psychological processes**
Martin Lachmair, Christian Scharinger & Peter Gerjets
Leibniz-Institut für Wissensmedien Tübingen
- T-2-13 **You get what you (unconsciously) see: Der Einfluss von Farbpriming auf Aufmerksamkeit, Verarbeitungszeit und Gedächtnisleistung**
Sarah Leinberger & Thomas Bäumer
Hochschule für Technik Stuttgart, Wirtschaftspsychologie
- T-2-14 **Lack of sleep hampers cognitive control: reduced proactive control after sleep restriction**
Simon Liegl, Lucas Haraped, Pierre Sachse & Thomas Maran
University of Innsbruck, General and Experimental Psychology
- T-2-15 **Distractor-induced Deafness**
Lars Michael & Maria Robaina Fernández
Medical School Berlin, Department Psychology
- T-2-16 **Visual mismatch negativity under inattention blindness in a roving oddball paradigm**
Insa Schloßmacher, Maximilian Bruchmann & Thomas Straube
University of Münster, Institute of Medical Psychology and Systems Neuroscience

- T-2-17 **The impact of hypertext presentation on readers' attention and text comprehension**
Torsten Schubert¹, Teresa Ronja Schurer² & Bertram Opitz²
¹Martin-Luther-Universität Halle-Wittenberg, Institut für Psychologie; ²Martin-Luther-Universität Halle-Wittenberg, Zentrum für multimediales Lehren und Lernen
- T-2-18 **Temporal preparation reduces stimulus conflict beyond an effect on spatial attention**
Verena Carola Seibold & Bettina Rolke
Eberhard Karls University Tübingen, Department of Psychology
- T-2-19 **Attentional effects on subliminal and supraliminal face priming as a function of affective and gender congruency**
Eun-Jin Sim, Marcel Harpaintner & Markus Kiefer
University of Ulm, Department of Psychiatry
- T-2-20 **Thinking about what to think – The role of meta-cognition in the adjustment of task-unrelated thoughts**
Lena Steindorf & Jan Rummel
Heidelberg University, Department of Psychology
- T-2-21 **Event-related potentials in the PRP paradigm: a comparison between young and low, intermediate, and high performing older adults**
Sven Thönes, Michael Falkenstein & Patrick Darius Gajewski
Leibniz Research Centre for Working Environment and Human Factors, Ergonomics Department
- T-2-22 **Examining the mechanisms underlying the item-specific proportion congruent effect using the process dissociation procedure**
Anne Voormann, Kerstin Dittrich, Nadine Schimpf & Karl Christoph Klauer
Albert-Ludwigs-Universität Freiburg, Sozialpsychologie und Methodenlehre
- T-2-23 **Effect of single administration of nicotine on pupil size and divided visual attention in non-nicotine users**
Intan K. Wardhani¹, Sebastiaan Mathôt² & Bruno Laeng¹
¹University of Oslo; ²University of Groningen

Methods

- T-2-24 **"Entschuldigen Sie, dass ich Ihnen einen komplizierten Artikel schreibe; für einen lesbaren habe ich keine Zeit"**
Meik Michalke
Heinrich-Heine-Universität, Abteilung für Diagnostik und Differentielle Psychologie
- T-2-25 **banto - a free participant recruitment and booking system**
Stephan de la Rosa
Department of Perception, Cognition and Action, Max Planck Institute for Biological Cybernetics
- T-2-26 **Recovering Rasch Model Parameters when the True Latent Traits are not Normally Distributed: Comparison of Bayesian and Likelihood-Based Approaches**
Raphael Hartmann
Albert-Ludwigs-Universität Freiburg, Department of Psychology

- T-2-27 **lab.js: A free, open, online experiment builder**
Felix Henninger¹, Ulf K. Mertens², Yury Shevchenko³, Pascal J. Kieslich³ & Benjamin E. Hilbig¹
¹University of Koblenz-Landau, Cognitive Psychology Lab; ²University of Heidelberg, Psychological Methods; ³University of Mannheim, Chair of Experimental Psychology
- T-2-28 **P-distribution: Optimizing the inferential value of p-values via resampling techniques**
Arianne Herrera-Bennett & Moritz Heene
Ludwig-Maximilians-Universität, Psychology in the Learning Sciences
- T-2-29 **ABrox - a graphical user interface for approximate Bayesian computation**
Ulf Mertens, Andreas Voss & Stefan Radev
Heidelberg University, Quantitative Research Methods
- T-2-30 **Base Rate Task: Not a Measure of Logical Processing**
Danielle Pessach & Karl Christoph Klauer
Albert-Ludwigs-Universität Freiburg, Psychologisches Institut
- T-2-31 **Validate mouse tracking: How design factors influence action dynamics in intertemporal decision making**
Martin Schoemann¹, Malte Lüken¹, Tobias Grage¹, Pascal J. Kieslich² & Stefan Scherbaum¹
¹Technische Universität Dresden, Department of Psychology; ²University of Mannheim, Department of Psychology
- T-2-32 **Unconscious processing of numbers: How important is the response format?**
Iris Zerweck, Sascha Meyen, Florian Friedrich, Klara J. Grethen & Volker H. Franz
University of Tübingen, Experimental Cognitive Science

Talks, Tuesday, 17:00 - 18:30

Symposium

Pupillometry

00/0020

Christoph Strauch, Ferdinand Pittino & Lukas Greiter

17:00

Tracking awareness in binocular rivalry using induced pupil fluctuations

Wolfgang Einhäuser & Immo Schütz

Chemnitz University of Technology, Institute of Physics - Physics of Cognition Group

17:15

Pupil Dilation as an Indicator of Selection-Decision

Lukas Greiter, Christoph Strauch & Anke Huckauf

Ulm University, Department of General Psychology

17:30

Robustness of Pupil Dilation and Microsaccadic Rate in the Context of Selection-Decision

Christoph Strauch, Lukas Greiter & Anke Huckauf

Ulm University, General Psychology

17:45

Does pupil size influence subjective brightness perception?

Sebastiaan Mathôt¹ & Intan Wardhani²

¹University of Groningen, Department of Experimental Psychology; ²University of Groningen, Department of Experimental Psychology; The Netherlands University of Oslo, Department of Psychology

18:00

How sequential changes in reward expectation modulate cognitive control: pupillometry as a tool to monitor dynamic changes in reward expectation

Kerstin Fröber¹, Ferdinand Pittino² & Gesine Dreisbach¹

¹University of Regensburg, Experimental Psychology; ²University of Ulm, Experimental Psychology

18:15

Sensitivity of pupil dilation and EEG alpha frequency band power for working memory load in n-back and span working memory tasks

Christian Scharinger¹, Alexander Soutschek², Torsten Schubert³ & Peter Gerjets⁴

¹Leibniz-Institut für Wissensmedien Tübingen; ²Laboratory for Social and Neural Systems Research, University of Zurich; ³Department of Psychology, Martin-Luther-Universität Halle-Wittenberg; ⁴Leibniz-Institut für Wissensmedien Tübingen; Department of Psychology, Eberhard-Karls-Universität Tübingen

Symposium

Affect and action control

00/0030

Rico Fischer & Henk van Steenbergen

17:00

The influence of affect on flexibility and stability in self-organized multitasking

David Dignath

University Freiburg

- 17:15 **Arousal drives adaptation to conflict: Transcutaneous vagus nerve stimulation (tVNS) enhances conflict-triggered adjustment of cognitive control**
Rico Fischer¹, Carlos Ventura-Bort², Alfons Hamm¹ & Mathias Weymar²
¹University of Greifswald; ²University of Potsdam
- 17:30 **Stick to your goals! The influence of current action goals on affective responses increases after stress**
Julia Kozlik¹, Roland Neumann², Franziska Plessow³ & Rico Fischer¹
¹University of Greifswald, Psychological Institute; ²University of Trier, Psychological Institute; ³Harvard Medical School, Neuroendocrine Unit
- 17:45 **We prefer what foretells over what can be foretold: On the affective value of predictive coding**
Sabrina Trapp¹, Judith Goris², Pieter Van Dessel³, Eliane Deschrijver², Roeljan Wiersema³, Marcel Brass² & Senne Braem²
¹Department of Cognitive Psychology, Universität Hamburg; ²Department of Experimental Psychology, Ghent University; ³Department of Experimental Clinical and Health Psychology, Ghent University
- 18:00 **Situation Modification in Conflict Tasks**
Constantin Schmidts
Julius Maximilians Universität, Department of Psychology
- 18:15 **The affective nature of errors and its neurochemical modulation**
Henk van Steenbergen
Institute of Psychology - Leiden University Leiden Institute for Brain and Cognition (LIBC) Affect, Motivation & Action (AMA) lab

Symposium

When social meets spatial cognition: from perspective taking to multiple reference frames (and back)

00/0070

Pamela Baess

- 17:00 **Seeing the world through the eyes of an avatar**
Jochen Müsseler & Christian Böffel
RWTH Aachen University, Work and Cognitive Psychology
- 17:15 **Embodied simulations guide the alignment of reference frames in visuo-spatial and psychological perspective-taking**
Thorsten Michael Erle
University of Würzburg
- 17:30 **Simon and his friends: Evidence for multiple reference frames**
Pamela Baess & Christina Bermeitinger
University of Hildesheim, Institute of Psychology
- 17:45 **Spatial compatibility effects in whole-body movements: expertise and movement specificity?**
Dirk Koester, Christoph Schütz & Thomas Schack
Bielefeld University/CITEC

Talks, Tuesday, 17:00 - 18:30

- 18:00 **Multiple levels of representation for a navigable, clustered space**
Marianne Strickrodt & Tobias Meilinger
Max Planck Institute for Biological Cybernetics

Symposium

Evaluative Conditioning in Context

01/0010

Max Ihmels & Mandy Hütter

- 17:00 **Evaluative Blocking in EC**
Hans Alves, Fabia Högden, Anne Gast & Christian Unkelbach
University of Cologne
- 17:15 **Assimilation and Contrast in Evaluative Conditioning and Moral Judgments - An Ecological Perspective**
Anne Gast¹, Fabia Högden¹, Christian Unkelbach¹, Adam Galinsky² & Joris Lammers¹
¹University of Cologne; ²University of Columbia
- 17:30 **Dissociating Intentional and Unintentional Learning Effects in Evaluative Conditioning**
Niels Kukken & Mandy Hütter
Eberhard Karls Universität Tübingen
- 17:45 **A Sampling Approach to Evaluative Conditioning**
Max Ihmels & Mandy Hütter
Eberhard Karls Universität Tübingen
- 18:00 **Cue value discriminability moderates learning and generalization in evaluative cue conditioning**
Mandy Hütter & Katharina Theresa Berger
Eberhard Karls Universität Tübingen
- 18:15 **Psychopathic Meanness Predicts the Positive Expression, not the Acquisition, of Evaluative Responses in the Evaluative conditioning Paradigm**
Olivier Corneille¹, Adrien Mierop¹, Catia Teixeira² & Pedro Almeida³
¹Catholic University Louvain; ²University of Groningen; ³University of Porto

Symposium

Metacognition

01/0020

Monika Undorf & Beatrice G. Kuhlmann

- 17:00 **Beliefs versus Fluency? Comparison of the Mechanisms Underlying the Perceptual Fluency Finding through Object Images**
Miri Besken
Bilkent University, Psychology Department
- 17:15 **Task Complexity Promotes Contributions of Processing Fluency to Judgments of Learning**
Monika Undorf
University of Mannheim, Department of Psychology

- 17:30 **Reliance on Schemas in Metamemory Predictions: Differences between Judgments of Learning and Judgments of Source**
 Marie Luisa Schaper¹, Beatrice G. Kuhlmann² & Ute J. Bayen¹
¹Heinrich-Heine-Universität Düsseldorf, Institut für Experimentelle Psychologie, Mathematische und Kognitive Psychologie; ²Universität Mannheim, Fachbereich Psychologie, Kognitive und Differentielle Psychologie
- 17:45 **Confidence Judgements and Decentering in Patients with Major Depression**
 Barbara Druke
 University Hospital of the RWTH Aachen University, Institute of Medical Psychology and Medical Sociology
- 18:00 **Do older and younger adults weigh the same bases in the same manner to produce accurate metacognitive judgments?**
 Eftychia Volz-Sidiropoulou & Siegfried Gauggel
 RWTH Aachen Medical Faculty, Institute of medical psychology
- 18:15 **Age-Related Differences in Metacognitive Monitoring and Control When Preparing for Recall**
 Beatrice G. Kuhlmann
 University of Mannheim

Talk session

Human Factors

01/0030

Anna Katharina Trapp

- 17:00 **User-adaptive human-machine interfaces: temporal sensitivity of electrodermal parameters**
 Elena Wolf & Barbara Deml
 Karlsruhe Institute of Technology (KIT), Institute of Human and Industrial Engineering (ifab)
- 17:15 **How to find the right app: effects of color-coded categories on visual search on smartphones**
 Anna Katharina Trapp¹, Niklas von Kalckreuth², Johanna Reibke² & Carolin Wienrich³
¹Technische Universität Berlin, Cognitive Psychology and Cognitive Ergonomics; ²Technische Universität Berlin; ³Julius-Maximilians-Universität Würzburg, Arbeitsgruppe Mensch-Technik-Systeme
- 17:30 **Gaze behavior as an indicator for user competence and state in human-technology interaction**
 Christiane Attig & Josef F. Kreams
 Chemnitz University of Technology, Department of Psychology (Cognitive and Engineering Psychology)
- 17:45 **Matching virtual workplaces with cognitive styles: Exposing users with different cognitive styles to data models of alternative complexity**
 Ivana Kovacevic¹ & Dusan Vujosevic²
¹Belgrade University, Faculty of Organizational Sciences, Department of Human Resource Management (and Social Sciences); ²Union University, Faculty of computer science

Talks, Tuesday, 17:00 - 18:30

- 18:00 **Disentangling effects of mental workload and visual stimulus properties on pupil size**
Fabian Ries, Elena Wolf, Philipp Olschowski, Markus Döllken & Barbara Deml
Karlsruhe Institute of Technology (KIT), Institute of Human and Industrial Engineering (ifab)
- 18:15 **Unterschiedliche Verfahrnung zur Messung von Workload am Arbeitsplatz: Ein Methodenvergleich**
Sebastian Mach, Jan Philipp Gründling, Franziska Schmalfuß & Josef F. Krems
Chemnitz University of Technology, Professorship of Cognitive and Engineering Psychology

Symposium

Music psychology

01/0110

Christian Kaernbach

- 17:00 **The fine structure in absolute hearing threshold and in frequency discrimination**
Niels Röhrdanz & Christian Kaernbach
Institut für Psychologie, CAU Kiel
- 17:15 **Partial tritone substitution: More consonance by stream segregation?**
Lutz von der Burchard & Christian Kaernbach
Christian-Albrechts-Universität zu Kiel, Institut für Psychologie
- 17:30 **Does spectrum affect the implicit learning of an artificial musical grammar?**
Joshua Lorenzen
Christian-Albrechts-Universität zu Kiel, Institut für Psychologie
- 17:45 **The effect of valence, speed and rhythm of sound on distance estimation**
Martin Reuschenbach¹ & Julia Bastian²
¹University Trier, Institute of Psychology; ²University of Trier, Institute of Psychology
- 18:00 **Replication and Validation of an experimental paradigm of measuring open-earedness**
Isabell Bötsch¹ & Richard von Georgi²
¹University of Technology Braunschweig; ²SHR Hochschule der populären Künste

Talk session

Attitudes

01/0120

Tina Glaser

- 17:00 **Assessing the nature of ambivalent attitudes: Can positive and negative valence be activated simultaneously?**
Katharina Theresa Berger¹, Mandy Hütter¹ & Olivier Corneille²
¹Eberhard Karls Universität Tübingen; ²Université catholique de Louvain
- 17:15 **Hierarchy as a moderator of lateral attitude change: Values and policies**
Roman Linne
Universität Bielefeld, Department of Psychology

- 17:30 **Moderators of lateral attitude change**
Tina Glaser, Katrin Pum, Roman Linne, Lea Elleringmann & Gerd Bohner
University of Bielefeld, Department of Psychology
- 17:45 **The link between social categorization and prejudice: A matter of the situationally activated mental contents?**
Manuel Becker¹, Sarah Teige-Mocigemba², Jeffrey W. Sherman³ & Karl Christoph Klauer¹
¹Albert-Ludwigs-Universität Freiburg, Institut für Psychologie, Abteilung für Sozialpsychologie und Methodenlehre; ²Philipps-Universität Marburg, Fachbereich Psychologie, AG Persönlichkeit und Diagnostik; ³University of California, Davis, Department of Psychology, Social Cognition Lab
- 18:00 **Intuition and Rationality – (Dis-)Fluency in Economic Trust Games**
Michael Zürn
University of Cologne, Social and Economic Cognition II

Talk session

Language

02/0090

Simone Sprenger

- 17:00 **Low complexity of syllables drives preference effects for words**
Ira Maschmann
University of Cologne, Department Psychology, Social Cognition Center Cologne
- 17:15 **Explicit and implicit modality switching in a naming task**
Carla Contreras Saavedra, Andrea Philipp & Iring Koch
RWTH Aachen University, Department of Cognitive and Experimental Psychology
- 17:30 **Pragmatic Processing: An Experimental Investigation of Presuppositions Triggered By Definite Articles**
Cosima Schneider¹, Michael Franke², Carolin Schonard³, Gerhard Jäger² & Markus Janczyk¹
¹University of Tübingen, Department of Psychology; ²University of Tübingen, Institute of Linguistics; ³TU Chemnitz
- 17:45 **Decoding the P600: MVPA evidence for shared neural patterns underlying Oddball and syntactic violation processing**
Jona Sassenhagen & Christian J. Fiebach
University of Frankfurt, Department of Psychology
- 18:00 **Is it possible to reverse the Spatial Agency Bias?**
Katharina Adam, Tobias Vogel & Michaela Wänke
University of Mannheim, Consumer and Economic Psychology
- 18:15 **First-language (L1) effects on second-language (L2) grammatical gender acquisition**
Simone Sprenger¹ & Bergmann Christopher²
¹University of Groningen, Center for Language and Cognition (Semantics and Cognition Group); ²University of Groningen, Center for Language and Cognition

Talks, Wednesday, 08:30 - 10:00

Talk session

Perception: Features and Objects

00/0020

Vivian C. Paulun

- 08:30 **Enhanced colour perception and memory for colours in grapheme-colour synaesthetes and colour experts**
Nicolas Rothen & Rebecca Ovalle Fresa
University of Bern, Department of Psychology
- 08:45 **Striking individual differences in gloss perception**
Christoph Witzel
Allgemeine Psychologie, Justus-Liebig-Universität
- 09:00 **Visual Perception of the Properties of Deformable Objects**
Vivian C. Paulun, Philipp Schmidt & Roland W. Fleming
University of Giessen, Department of Psychology
- 09:15 **Inferring causal history from shape**
Philipp Schmidt & Roland W. Fleming
Justus Liebig University Giessen, Experimental Psychology
- 09:30 **Comparison of Object Perception in Head Mounted Display and in Desktop Monitor for Congruent and Incongruent Environments**
Erinchan Telatar¹, René Reinhard², Shah Rukh Humayoun³, Achim Ebert³ & Thomas Lachmann¹
¹University of Kaiserslautern, Cognitive Science; ²Fraunhofer-Institut für Techno- und Wirtschaftsmathematik; ³University of Kaiserslautern, Computer Graphics and HCI Group
- 09:45 **How age and attractiveness influence visual attention**
Aleksandra Mitrovic & Helmut Leder
University of Vienna, Department of Basic Psychological Research and Research Methods

Symposium

Instruction, intention, imagery, and observation: How non-action shapes human behavior

00/0030

Christina Pfeuffer

- 08:30 **Identity-specific coding of newly instructed task rules in the human brain**
Hannes Ruge
Technische Universität Dresden
- 08:45 **Does it pay to pay? Experimental evidence on cognitive control by monetary rewards versus response strategies**
Maik Bieleke¹, Michael Dambacher¹, Ronald Hübner¹ & Peter M Gollwitzer²
¹University of Konstanz, Department of Psychology; ²New York University, Department of Psychology

- 09:00 **Time course of inhibition in motor imagery**
Victoria K. E. Bart¹, Iring Koch² & Martina Rieger¹
¹UMIT, Institute of Psychology; ²RWTH Aachen University, Institute of Psychology
- 09:15 **Intimate co-representation for action regulation: Retrieval of observationally acquired stimulus-response bindings in romantically involved interaction partners versus strangers**
Carina Giesen¹, Virginia Löhl² & Nicolas Koranyi²
¹Department of Psychology, General Psychology II, Friedrich Schiller University Jena; ²Friedrich Schiller University Jena
- 09:30 **The Power of Non-Action: Forming stimulus-response associations via instruction, observation, and imagery**
Christina Pfeuffer, Karolina Moutsopoulou, Florian Waszak & Andrea Kiesel
University of Freiburg, Cognition, Action, and Sustainability Unit
- 09:45 **A common, grounded basis for different types of stimulus-response learning**
Torsten Martiny-Huenger
UiT The arctic university of Norway, Department of Psychology

Talk session

Action and perception I

00/0070

Thomas Schack

- 08:30 **Perception of penalty takers in soccer with varying graphical levels of detail**
Johannes Kurz¹, Fabian Helm², Nikolaus F. Troje³ & Jörn Munzert¹
¹Justus-Liebig-University, Department of Sport Science; ²Goethe University, Department of Sport Science; ³Queen's University, Department of Psychology
- 08:45 **Sensory attenuation of self-produced signals is driven by motor-independent predictions**
Jakob Kaiser & Simone Schütz-Bosbach
Ludwig-Maximilian University, Experimental Psychology
- 09:00 **The influence of different sensory signals on error perception and its neural correlates**
Lisa K. Maurer, Michael Joch, Mathias Hegele, Heiko Maurer & Hermann Müller
Justus-Liebig-University, Department of Sport Science
- 09:15 **Observation of the whole-body movement sequences: Memory encoding, retention, and retrieval of the movement-related spatial and temporal information**
Shiau-Chuen Chiou & Thomas Schack
Bielefeld University, Neurocognition and Action Research Group, Center of Excellence Cognitive Interaction Technology (CITEC)
- 09:30 **Cognitive models modulate action-perception coupling in perceptual multistability**
Peter Veto¹, Marvin Uhlig¹, Nikolaus F. Troje² & Wolfgang Einhäuser¹
¹Chemnitz University of Technology, Institute of Physics - Physics of Cognition Group; ²Queen's University, Department of Psychology

Talks, Wednesday, 08:30 - 10:00

- 09:45 **Mental and Manual Rotation of Physical Three-Dimensional Objects**
Stefanie Zander¹, Stefan Brandenburg² & Elisabeth Brandenburg¹
¹Fraunhofer Institut für Produktionsanlagen und Konstruktionstechnik, Virtuelle Produktentstehung, Modellbasiertes Entwickeln; ²Technische Universität Berlin, Cognitive Psychology and Cognitive Ergonomics

Talk session

Learning

01/0010

Nicola Kristina Ferdinand

- 08:30 **Just put it in context: How timing of prime and context information determines unconscious context-specific conflict adaptation**
Heiko Reuss & Wilfried Kunde
Julius-Maximilians-Universität Würzburg, Lehrstuhl für Psychologie III
- 08:45 **The limits of implicit sequence learning**
Anja Kühnel
Medical School Berlin, Allgemeine Psychologie
- 09:00 **Structural similarities between response categories and response layout facilitate processing of overlapping categories**
Anton Öttl¹, Dawn Marie Behne¹, Martine Aune¹, Pascal Gygax² & Ute Gabriel¹
¹Norwegian University of Science and Technology, Department of Psychology;
²University of Fribourg, Department of Psychology
- 09:15 **Learning novel object classes with very little data**
Yaniv Morgenstern, Filipp Schmidt & Roland W. Fleming
Justus-Liebig-University Giessen
- 09:30 **Integrating cue abstraction with retrieval from memory: A learning approach**
Janina Hoffmann¹, Rebecca Albrecht² & Bettina von Helversen³
¹University of Konstanz; ²University of Basel; ³University of Zurich
- 09:45 **Does social-emotional feedback diminish age-related learning impairments?**
Nicola Kristina Ferdinand
Saarland University, Department of Psychology
- 10:00 **The effect of perceived similarity and perceived usefulness on online learning of statistics**
Tuo Liu, Maria Mikheeva & Günter Daniel Rey
Chemnitz University of Technology, Psychology of learning with digital media

Talk session

Decision making III

01/0020

Felix G. Rebitschek

08:30

Interactions of approximate number processing skills with numeracy and executive functions in decision making under risk

Silke M. Müller¹, Margarete Delazer² & Matthias Brand³

¹Universität Duisburg-Essen, General Psychology: Cognition; ²Clinical Department of Neurology, Innsbruck Medical University; ³General Psychology: Cognition and Center for Behavioral Addiction Research (CeBAR), University of Duisburg-Essen, Duisburg Erwin L. Hahn Institute for Magnetic Resonance Imaging

08:45

Explaining human decision making in optimal stopping tasks

Christiane Baumann¹, Bettina von Helversen¹ & Sam Gershman²

¹University of Zuerich, Department of Psychology; ²Harvard University, Department of Psychology

09:00

Causal perspectives: on carefully providing cues to improve risk understanding

Felix G. Rebitschek

Max Planck Institute for Human Development, Harding Center for Risk Literacy

09:15

How does Working Memory Capacity influence Extraction Behavior in CPR Dilemmas? - An Agent-Based Modeling Approach

Nadia Said¹, Debora Fieberg², Helen Fischer¹, Johannes Lohse³ & Christian Kirches⁴

¹Heidelberg University, Experimental and Theoretical Psychology; ²Heidelberg University, Interdisciplinary Center for Scientific Computing (IWR); ³University of Birmingham, Department of Economics; ⁴TU Braunschweig, Institut für Mathematische Optimierung

09:30

Post-Conflict Speeding in Motivational Conflicts

Christina Heitmann & Roland Deutsch

University Würzburg, Psychology

09:45

Stereotype Reliance in Source Guessing: State Versus Cognitive Trait?

Liliane Wulff & Beatrice G. Kuhlmann

University of Mannheim, Chair for Cognitive Psychology and Individual Differences (Psychology III)

Symposium

Neuroergonomics: Using neuroscientific methods to understand the brain at work

01/0030

Lewis L. Chuang & Klas Ihme

08:30

Mobile Brain/Body Imaging in Neuroergonomics

Klaus Gramann

Biological Psychology and Neuroergonomics, TU Berlin

08:45

The "distraction potential" of environment sounds during closed-loop visuomotor control

Lewis Chuang & Menja Scheer

Max Planck Institute for Biological Cybernetics

Talks, Wednesday, 08:30 - 10:00

- 09:00 **fNIRS evidence for interaction between types of cognitive demands in driving**
Jochem W Rieger & Anirush Unni
University of Oldenburg, Psychology
- 09:15 **Mobile assessment of driver mental states in a simulated driving environment**
Julian Elias Reiser
Leibniz Research Centre for Working Environment and Human Factors, Ergonomics
- 09:30 **Frustration-aware cars. Application and constraints for in-vehicle frustration recognition**
Klas Ihme, Meng Zhang & Uwe Drewitz
German Aerospace Center, Institute of Transportation Systems, Department of Human Factors
- 09:45 **Towards an emotion-sensitive brain-computer interface for neuroadaptive assistive technology**
Mathias Vukelic
Fraunhofer-Institute for Industrial Engineering IAO

Talk session

Visual attention I

01/0110

Raoul Bell

- 08:30 **Effector priming during action observation in combat sports**
Andrea Polzien, Iris Guldenpenning & Matthias Weigelt
University of Paderborn, Psychology and Movement Science
- 08:45 **The effect of auditory distractors on face recognition**
Raoul Bell, Jan Philipp Röer, Laura Mieth & Axel Buchner
Heinrich-Heine-Universität Düsseldorf
- 09:00 **What's past is past: Neither perceptual or semantic preactivation nor prior motivational relevance decrease subsequent inattentive blindness**
Carina Kreitz¹, Robert Schnürch², Philip Furley¹, Henning Gibbons² & Daniel Memmert¹
¹Deutsche Sporthochschule Köln, Institut für Trainingswissenschaft und Sportinformatik;
²Universität Bonn, Institut für Psychologie
- 09:15 **Effects of vertical head orientation on spatial attention**
Felix J. Götz, Anne Böckler, Paul M. Heineck & Andreas B. Eder
Julius-Maximilians-Universität Würzburg, Department of Psychology
- 09:30 **The role of feature binding demands for the interplay of visual attention and central attention**
Christina B. Reimer & Torsten Schubert
Martin-Luther-Universität Halle-Wittenberg, Department of Psychology; Humboldt-Universität zu Berlin, Department of Psychology

09:45 **Novel non-salient stimuli detract attention from a novel color singleton**

Daniel Ernst¹, Stefanie Becker² & Gernot Horstmann¹

¹Bielefeld University & CITEC, Neuro-cognitive Psychology; ²University of Queensland, School of Psychology

Talk session

Self-regulation

01/0120

Timur Sevincer

08:30 **“More than enough” or “now more than ever”: Destructive versus constructive behavioural correlates of shame in the context of individual and collective wrongdoing depend on victim versus perpetrator status**

Jonas Rees

Institute for Interdisciplinary Research on Conflict and Violence

08:45 **Regulatory focus and propositional processing: Prevention focus bolsters negation processing**

Anand Krishna¹ & Fritz Strack²

¹University of Würzburg, Department for Emotional and Motivational Psychology;

²University of Würzburg, Department for Social Psychology

09:00 **How to stay positive: Integration or prevention of integration of negative content to the self**

Sarah Schäfer¹, Dirk Wentura² & Christian Frings¹

¹University of Trier, Department of Cognitive Psychology; ²Saarland University, Department of Cognitive Psychology and Statistics

09:15 **Impulsivity and inhibitory control in the context of Internet-pornography-use disorder**

Stephanie Antons & Matthias Brand

University Duisburg-Essen, General Psychology: Cognition

09:30 **Handlungsnotwendigkeit und spontanes Kontrastieren**

Timur Sevincer¹ & Gabriele Oettingen²

¹University of Hamburg; ²University of Hamburg; New York University

Talk session

Eye movements and Reading

02/0090

Christoph Huber-Huber

08:30 **Fixation durations in natural scene viewing are guided by peripheral content**

Charlotte Atzert¹, Antje Nuthmann² & Wolfgang Einhäuser³

¹Chemnitz University of Technology, Institute of Physics – Physics of Cognition Group; Philipps-University; ²University of Kiel, Institute of Psychology – Perception and Cognition Group; ³Chemnitz University of Technology, Institute of Physics – Physics of Cognition Group

Talks, Wednesday, 08:30 - 10:00

- 08:45 **Support for the prediction hypothesis of visual stability: Invalid peripheral preview increases the fixation-locked N170 face inversion effect**
Christoph Huber-Huber, Clayton Hickey & David Melcher
CIMeC, University of Trento
- 09:00 **Data Assimilation in Experimental Psychology: A Case Study from Eye Movements during Reading**
Stefan Alexander Seelig
Potsdam University, Department of Psychology
- 09:15 **Reading at the speed of speech: Visual language perception at ~5 Hz**
Benjamin Gagl¹, Julius Golch², Stefan Hawelka³, Jona Sassenhagen², David Poeppel⁴ & Christian J. Fiebach⁵
¹Department of Psychology, Goethe University Frankfurt; Center for Individual Development and Adaptive Education of Children at Risk (IDeA); ²Department of Psychology, Goethe University Frankfurt; ³Centre for Cognitive Neuroscience, University of Salzburg; ⁴Max Planck Institute for Empirical Aesthetics; Department of Psychology, New York University; ⁵Department of Psychology, Goethe University Frankfurt; Center for Individual Development and Adaptive Education of Children at Risk (IDeA); Max Planck Institute for Empirical Aesthetics
- 09:30 **Eye movement patterns in reading texts with unusual typography**
Johan Chandra, André Krügel & Ralf Engbert
Universität Potsdam, Experimental & Biological Psychology
- 09:45 **Agentive coercion in German copula sentences makes you look twice: Evidence from an eye-tracking study**
Anna Pryslopska
University of Tübingen, SFB 833

Posters, Wednesday, 10:00 - 12:00

Development and Ageing

- W-1-1 **Influence of ID speech and singing on 12-month-olds' social preferences**
Franziska Degé¹, Sandra Trehub² & Gudrun Schwarzer¹
¹Justus-Liebig-University, Developmental Psychology; ²University of Toronto Mississauga
- W-1-2 **Joint visual attention and locomotor experience: A longitudinal study with typically developing infants and infants with locomotor delay**
Julia Dillmann, Gloria Gehb, Christian-Dominik Peterlein & Gudrun Schwarzer
Justus-Liebig-University Giessen, Department of Developmental Psychology
- W-1-3 **Neural transfer of training in task switching in old age**
Sandra Dörrenbächer, Hubert Zimmer & Jutta Kray
Saarland University, Psychology
- W-1-4 **How the fine-motor skills of 9-month-old infants influence their predictive grasping behavior**
Gloria Gehb, Claudia Kubicek, Bianca Jovanovic & Gudrun Schwarzer
Justus-Liebig-University, Developmental Psychology
- W-1-5 **Visual preference for real objects over pictures is related to 7-month-old infants' manual object exploration**
Theresa M Gerhard¹, Jody C Culham² & Gudrun Schwarzer¹
¹Justus-Liebig-University, Developmental Psychology; ²University of Western Ontario, Department of Psychology and Brain and Mind Institute
- W-1-6 **Infants' gaze patterns for same-race and other-race faces, and the other-race effect**
Anna Krasotkina & Gudrun Schwarzer
Justus-Liebig-Universität Gießen, Department of Developmental Psychology
- W-1-7 **A response-selection training helps 2.5-year-olds to solve intuitive physics tasks**
Markus Krüger, Friederike Kracht & Horst Krist
Ernst-Moritz-Arndt-Universität Greifswald
- W-1-8 **Differential emotion-induced effects on the efficiency of cognitive control throughout adolescent development**
Lena Müller, Hannah Ritter & Jutta Kray
Saarland University, Department of Psychology
- W-1-9 **Infants' Mental Rotation and Recognition of 3D Objects – the Relevance of Stereovision**
Martina Röthlisberger & Andrea Frick
University of Fribourg, Department of Psychology

Posters, Wednesday, 10:00 - 12:00

- W-1-10 **Cross-modal priming of emotion perception in children and adults**
Michael Vesker¹, Daniela Bahn², Franziska Degé¹, Monika Tschense², Christina Kauschke² & Gudrun Schwarzer¹
¹Justus-Liebig-Universität Gießen, Department of Developmental Psychology; ²Philipps-Universität Marburg, Department of German Linguistics
- W-1-11 **Unconscious processing of emotions alters the “feeling” of neutral objects: evidence from 3-4- month-old infants**
Lior Weinreich¹, Chiara Turati², Chiara Filippini², Susanna Frigerio² & Elena Nava²
¹Ludwig Maximilian University of Munich, Faculty of Psychology and Educational Sciences; ²University of Milano-Bicocca, Department of Psychology

Learning

- W-1-12 **I'm all ears: ERPs and pupil size in response to learning novel labels for novel sounds**
Markéta Beceková, Natalia Esther Brandwayn, Scheng Yang Chong, Maria del Mar Cordero Rull, Matteo Mascelloni, Marisa Ortlieb, Leonardo Pimpini, Susanne Schuberth, Paola Suarez Ramirez & Jutta L Mueller
Universität Osnabrück
- W-1-13 **Evaluative conditioning of neutral stimuli does not modulate conflict adaptation**
Anja Maria Berger¹, Rico Fischer² & Gesine Dreisbach¹
¹University of Regensburg, Institute for Psychology; ²University of Greifswald, Institute for Psychology
- W-1-14 **Contingency Learning and Choice-Behavior Based on Self-Directed and Other-Directed Information Sampling**
Franziska Bott & Thorsten Meiser
University of Mannheim, Department of Psychology
- W-1-15 **Personal time-related life events influence the direction of whole-body movements**
Lydia Kastner¹, Jennifer Müller², Juan José Rahona López¹, Peter Gerjets¹ & Susana Ruiz Fernández¹
¹Leibniz Institut für Wissensmedien, Multimodal Interaction Lab; ²Eberhard Karls University of Tübingen, LEAD Graduation School & Research Network
- W-1-16 **The usefulness of task-irrelevant actions-effects in implicit sequence-learning**
Clarissa Lustig & Hilde Haider
University of Cologne, Department of Psychology
- W-1-17 **Implicit sequence learning despite multitasking: the role of (flexible) separation of task representations**
Eva Röttger¹, Hilde Haider¹, Fang Zhao² & Robert Gaschler²
¹University of Cologne, Department of Psychology; ²FernUniversität in Hagen, Department of Psychology

- W-1-18 **Consistent irrelevant response effects enhance implicit sequence learning**
Jascha Rüsseler¹ & Daniel Wiswede²
¹Department of Psychology, Otto-Friedrich-University Bamberg; ²Department of Neurology, University of Lübeck
- W-1-19 **The epigenetics of depression: Methylation of the promoter region of the serotonin transporter (SLC6A4) moderates the association between critical life events and depression**
Simon Sanwald, Christian Montag, Katharina Widenhorn-Müller, Carlos Schönfeldt-Lecuona, Maximilian Gahr & Markus Kiefer
Universitätsklinikum Ulm, Klinik für Psychiatrie und Psychotherapie, III Sektion für kognitive Elektrophysiologie
- W-1-20 **ERP-correlates of evaluative priming underline the importance of depth of processing and implicit affect misattribution**
Laura-Effi Seib-Pfeifer & Henning Gibbons
University of Bonn, Department of Psychology
- W-1-21 **Influence of segmentation of subsequence help sequence learning in multitasking**
Fang Zhao¹, Robert Gaschler¹, Eva Röttger² & Hilde Haider²
¹FernUniversity in Hagen, Psychology; ²University of Cologne

Social Psychology

- W-1-22 **Speaking the part: Psychological correlates and efficacy of voluntary socio-emotional trait expression in voices**
Stella Guldner¹, Carolyn McGettigan², Frauke Nees³ & Herta Flor³
¹University of Heidelberg, Central Institute of Mental Health, Institute of Cognitive and Clinical Neuroscience; Royal Holloway University of London, Vocal Communication Lab; University of Mannheim, Graduate School of Economic and Social Sciences; ²Royal Holloway University of London, Vocal Communication Lab; ³University of Heidelberg, Central Institute of Mental Health, Institute of Cognitive and Clinical Neuroscience
- W-1-23 **Of revolutionaries and sycophants: Insight into the effects of group status and permeability of group boundaries on multiple aspects of in-group identification**
Paul Michael Heineck, Jenny Roth & Roland Deutsch
University of Würzburg, Department of Psychology II
- W-1-24 **Contextualising information enhances the experience of environmental art**
Anna Keller & Florian Röser
University of Applied Sciences, Economic Psychology
- W-1-25 **Dynamics of the mimetic crisis in students**
Laura Klimecki, Markus Maier & Vanessa Büchner
LMU Munich, Department of Psychology

Posters, Wednesday, 10:00 - 12:00

- W-1-26 **Cortical underpinnings of geometrical gaze following – an fMRI study**
Peter Maximilian Kraemer¹, Goerner Marius², Hamidreza Ramezanzpour², Peter Dicke² & Peter Thier²
¹University of Basel, Department for Decision Neuroscience; ²Hertie Institute for Clinical Brain Research, Department for Cognitive Neurology
- W-1-27 **Executive Control and the Implicit Association Test (IAT): Unraveling the Effect of Switching Ability on IAT Scores**
Franziska Meissner
Friedrich-Schiller-Universität Jena, Institut für Psychologie, Allgemeine Psychologie II
- W-1-28 **Gender effects on cooperation and costly punishment**
Laura Mieth, Axel Buchner & Raoul Bell
Heinrich Heine University, Department for Experimental Psychology
- W-1-29 **The first sight does not matter: Gender as the first cue on job applications**
Nadine Nett, Tillmann Nett, Robert Gaschler & Andreas Glöckner
FernUniversität in Hagen, Institut für Psychologie
- W-1-30 **The development and validation of an academic self-forgiveness scale**
Shama Padke & Raven Rinas
Ludwig-Maximilians-Universität, Psychology
- W-1-31 **Regressive Shrinkage of Primacy Effects in Self-Determined Impression Formation from Samples**
Johannes Prager & Klaus Fiedler
Universität Heidelberg
- W-1-32 **If you always tell the truth you don't have to remember anything: New insights into the implicit memory of lying**
Franziska Annett Schreckenbach, Klaus Rothermund & Nicolas Koranyi
Friedrich-Schiller University Jena, Department of General Psychology II
- W-1-33 **Social Probability Discounting**
Diana Schwenke & Stefan Scherbaum
Technische Universität Dresden, Department of Psychology
- W-1-34 **Handwriting, emotions and grading practices**
Queralt Serra
Ludwig-Maximilians-Universität, Psychology
- W-1-35 **The influence of group membership on the processing of emotional facial actions**
Miriam Steines, Tilo Kircher & Benjamin Straube
Philipps-Universität Marburg, Department of Psychiatry and Psychotherapy
- W-1-36 **Measuring driving behaviour – German validation of the Prosocial and Aggressive Driving Inventory (PADI)**
Tanja Stoll & Martin Baumann
Ulm University, Institute of Psychology and Education, Department of Human Factors

- W-1-37 **Target attractiveness affects unwanted sexual attention but not gender harassment in a computer chat**
Lilian Topp & Gerd Bohner
University of Bielefeld, Department of Psychology

Action and perception

- W-2-1 **Dreh Dich immerzu, rundherum und rundherum: Die mentale Rotation des menschlichen Körpers um die vertikale Achse**
Franziska End, Mirjam Ebersbach & Markus Krüger
Ernst-Moritz-Arndt-Universität Greifswald
- W-2-2 **Modes of task processing: Converging evidence of an individual preference in free concurrent multitasking across different tasks, instructions, and time structures**
Jovita Brüning, Jessika Reissland & Dietrich Manzey
Technische Universität Berlin, Department of Psychology and Ergonomics
- W-2-3 **If it's hard to understand, try harder! More evidence for processing adjustments to auditory (dis-) fluency**
Thomas Dolk, Claudia Freigang, Johanna Bogon & Gesine Dreisbach
- W-2-4 **Dual task performance reflects sequence learning-based prediction**
Robert Gaschler¹, Fang Zhao¹, Eva Röttger² & Hilde Haider²
¹Department of Psychology, FernUniversität in Hagen; ²Department of Psychology, Universität zu Köln
- W-2-5 **Persistence of perception-action interaction over time and proprioceptive interference**
Maryvonne Granowski, Oliver Simon Sack & Christine Sutter
German Police University, Institute of Traffic Science & Traffic Psychology
- W-2-6 **Is the head-fake effect in basketball robust against practice?**
Iris Güldenpenning¹, Christoph Schütz², Matthias Weigelt¹ & Wilfried Kunde³
¹University of Paderborn, Psychology and Movement Science; ²Bielefeld University, Department of Sport Science; ³Würzburg University, Department of Psychology
- W-2-7 **Multitasking in the perihand space: Effects of stimulus-hand proximity on between-task shifts at the bottleneck**
Thomas Hosang¹, Rico Fischer², Jennifer Pomp³ & Roman Liepelt¹
¹German Sport University, Institute of Psychology; ²University of Greifswald, Institute of Psychology; ³University of Muenster, Institute of Psychology
- W-2-8 **Sensory Attenuation: Disentangling Expectancy and Agency Effects**
Annika Laura Klaffehn, Lisa Weller, Katharina A Schwarz, Wilfried Kunde & Roland Pfister
University of Würzburg, Department of Psychology III
- W-2-9 **Temporal Movement Primitive Perception under Naturalistic Conditions**
Benjamin Knopp, Moritz Schubert & Dominik Endres
University of Marburg, Department of Psychology

Posters, Wednesday, 10:00 - 12:00

- W-2-10 **Effects of action on cortical BOLD responses in multisensory, simulated self-motion**
Milosz Krala¹, Bianca van Kemenade² & Frank Bremmer¹
¹Dept. Neurophysics and Marburg Center for Mind, Brain and Behavior - MCMBB, University of Marburg; ²Translational Neuroimaging Marburg and Marburg Center for Mind, Brain and Behavior - MCMBB, University of Marburg
- W-2-11 **Goalkeepers' Reputation Biases Penalty-Kicking Behavior in Soccer**
Florian Müller, Jonathan Felix Best & Rouwen Cañal-Bruland
Friedrich Schiller University Jena, Department of Sport Psychology
- W-2-12 **Does task asymmetry determine the influence of anticipated partner reactions on task set selection?**
Romy Müller, Elisabeth Wienß & Hanna Bärwinkel
TU Dresden, Professur Ingenieurpsychologie und angewandte Kognitionsforschung
- W-2-13 **Prediction of Indirect Action Consequences**
Mareike Pazen, Tilo Kircher & Benjamin Straube
Philipps-University Marburg, Department for Psychiatry and Psychotherapy
- W-2-14 **Strategies of response organization: Converging evidence of an individual preference in free concurrent multitasking across different tasks, instructions, and time structures**
Jessika Reissland, Jovita Brüning & Dietrich Manzey
Technische Universität Berlin, Department of Psychology and Ergonomics
- W-2-15 **When Less Is More: Costs and Benefits of Varied vs. Fixed Content and Structure in Short Term Task Switching Training**
Katrina Sabah¹, Thomas Dolk¹, Nachshon Meiran² & Gesine Dreisbach¹
¹Regensburg University, General and Applied Psychology Department; ²Ben-Gurion University of the Negev, Psychology Department
- W-2-16 **Effects of motor inhibition on n - 2 repetition costs**
Juliane Scheil¹, Thomas Kleinsorge¹ & Baptist Liefoghe²
¹Leibniz Research Centre for Working Environment and Human Factors (IfADo); ²Ghent University
- W-2-17 **Diffusion Drift Modelling of Tactile Remapping**
Kenan Suljic¹, José P. Ossandón² & Tobias Heed¹
¹University of Bielefeld, Faculty of Psychology & Sports Science; ²University of Hamburg, Biological Psychology & Neuropsychology
- W-2-18 **The interaction between action generation and hand ownership in action-feedback monitoring**
Lukas Uhlmann
Philipps-University Marburg, Department of Psychiatry and Psychotherapy
- W-2-19 **Orientation priming during continuous flash suppression**
Christian Valuch
University of Göttingen, Department of Experimental Psychology
- W-2-20 **Egocentric and allocentric Simon effects in task sharing**
Tom Weber, Christina Bermeitinger & Pamela Baess
University of Hildesheim, Institute for Psychology

- W-2-21 **Optimizing across task congruency by stimulus selection – unless there is a routine sequence**
Christina Weckwerth¹, Robert Gaschler¹, Fang Zhao¹, Eva Röttger² & Hilde Haider²
¹Fernuniversität Hagen, Allg. Psychologie LME; ²Universität zu Köln
- W-2-22 **How do we distinguish between emotions? Analysing the kinematics of emotional interactions**
Adam Zabicki, Julia Bachmann & Jörn Munzert
Nemolab – NeuromotorBehavior Laboratory, Justus-Liebig-University Giessen

Attention II

- W-2-23 **Neuronale Korrelate der Emotionsverarbeitung im Attentional Blink: eine EEG-Studie**
Marie-Luise Roth, Maximilian Bruchmann & Thomas Straube
University Münster, Institute of Medical Psychology and Systems Neuroscience
- W-2-24 **Reward Driven Visual Attentional Capture in Adult ADHD Patients**
Philipp Matthias Berg¹, Hanna Christiansen² & Anna Schubö³
¹Philipps-Universität Marburg, Psychologie; ²Child- and Youth Psychology, Philipps-University Marburg; ³Experimental and Biological Psychology, Philipps-University Marburg
- W-2-25 **Modulation of context learning by anticipated reward magnitude**
Nils Bergmann, Dennis Koch & Anna Schubö
Philipps-University Marburg, Cognitive Neuroscience of Perception and Action, Department of Psychology
- W-2-26 **A Meta-Analysis of Contingent-Capture Effects**
Christian Büsel, Ulrich Ansorge & Martin Voracek
Universität Wien, Institut für Psychologische Grundlagenforschung und Forschungsmethoden
- W-2-27 **Neural Correlates of Face Perception in an Inattentive Blindness Paradigm: A Simultaneous EEG-fMRI study**
Torge Dellert, Miriam Müller-Bardorff, Maximilian Bruchmann & Thomas Straube
Institute of Medical Psychology and Systems Neuroscience, University of Münster
- W-2-28 **Objective Measurement and Prediction of Processing Capacity**
Isabella Fuchs-Leitner, Lisa Falschlunger & Othmar Lehner
University of Applied Sciences Upper Austria
- W-2-29 **Visuospatial attention shifts during mental arithmetic can be measured via a temporal order judgment task**
Maria Glaser & André Knops
Humboldt-Universität zu Berlin, Department of Psychology
- W-2-30 **Singleton search is a top-down strategy**
Markus Grüner, Florian Goller & Ulrich Ansorge
University of Vienna, Department of Basic Psychological Research and Research Methods
- W-2-31 **Does the frequency of the background color influence the aesthetic judgment of object pictures?**
Jenny Kloster, Stefan Blaschke & Bettina Rolke
University of Konstanz, Department of Psychology

Posters, Wednesday, 10:00 - 12:00

- W-2-32 **Neither singleton detection nor feature search – electrophysiological evidence for an intermediate, dimension-based, search mode**
Anna M. Liesefeld¹, Heinrich René Liesefeld² & Hermann J. Müller³
¹Department Psychologie, Ludwig-Maximilians-Universität München; ²Department Psychologie und Graduate School of Systemic Neurosciences, Ludwig-Maximilians-Universität München; ³Department Psychologie, Ludwig-Maximilians-Universität München; Birkbeck College
- W-2-33 **Does temporal attention aid feature-based target selection? An ERP study**
Bettina Rolke, Susanne Dietrich & Verena C. Seibold
University of Tuebingen, Department of Psychology
- W-2-34 **Recent response conflict reduces perceptual sensitivity at the time of distractor onset**
Michael Sprengel¹, Mike Wendt² & Thomas Jacobsen¹
¹Helmut-Schmidt-University/University of the Federal Armed Forces Hamburg; ²Medical School Hamburg
- W-2-35 **Delayed Disengagement Effect: A comparison between a circular search and a linear search lay-out**
Maximilian Stefani & Wolfgang Mack
Universität der Bundeswehr München, Institut für Psychologie
- W-2-36 **Level-specific attentional adjustment to proportion congruency in the processing of hierarchical stimuli**
Miriam Tomat¹, Mike Wendt² & Thomas Jacobsen¹
¹Helmut-Schmidt-University/University of the Federal Armed Forces Hamburg, Experimental Psychology Unit; ²Medical School Hamburg, Experimental Psychology Unit
- W-2-37 **Attentional modulation of masked semantic priming by task sets: Influences from performed induction tasks and mere task cue presentation**
Natalie Maria Trumpp¹, Heiko Reuss², Wilfried Kunde² & Markus Kiefer¹
¹Ulm University, Department of Psychiatry; ²University of Würzburg, Department of Psychology
- W-2-38 **Limits of value-based attentional priority**
Annabelle Walle, Michel D Druey & Ronald Hübner
University of Konstanz, Cognitive Psychology
- W-2-39 **Differential effects of distractions and interruptions on task performance. An EEG study using a continuous number task**
Bianca Zickerick, Kristina Küper, Sven Thönes, S. Oliver Kobald & Edmund Wascher
Leibniz Research Centre for Working Environment and Human Factors

Talks, Wednesday, 15:00 - 16:30

Talk session

Perception: High-level

00/0020

Frank Papenmeier

15:00 **The Completion of Missing Information During Coherent Events Is Caused by Backward Inferences Rather Than Predictive Perception**

Frank Papenmeier¹, Alisa Brockhoff¹ & Markus Huff²

¹University of Tübingen, Department of Psychology; ²German Institute for Adult Education, Department of Research Infrastructures

15:15 **P3 and pupil dilation predict the subjective experience of time**

Benjamin Ernst & Marco Steinhauser

Catholic University of Eichstätt-Ingolstadt

15:30 **Alignment effects in spatial perspective taking from an external vantage point**

Adamantini Hatzipanayioti¹ & Marios Avraamides²

¹Max Planck Institute for Biological Cybernetics, Department of Human Cognition, Perception and Action; ²University of Cyprus, Department of Psychology

15:45 **Should interpersonal distance be thought of in field-theoretical terms?**

Robin Welsch, Christoph von Castell & Heiko Hecht

Johannes Gutenberg-Universität Mainz, Psychologisches Institut

16:00 **Presenting visual stimuli in ultra-high temporal resolution with gaming monitors**

Christian H. Poth¹, Rebecca M. Foerster¹, Christian Behler¹, Ulrich Schwanecke², Werner X. Schneider¹ & Mario Botsch¹

¹Bielefeld University; ²Rhein-Main University of Applied Sciences

Symposium

Sensory and motor foundations of conceptual cognition

00/0030

Markus Kiefer

15:00 **The motor system's role in understanding and prediction**

Luigi Grisoni & Friedemann Pulvermüller

Freie Universität Berlin, Department of Philosophy and Humanities, Brain Language Laboratory

15:15 **Action verb – reaction – interaction: behavioural and brain data**

Katja Biermann-Ruben, Anne Klepp, Valentina Niccolai & Alfons Schnitzler

Heinrich-Heine-Universität, Institut für Klinische Neurowissenschaften und Medizinische Psychologie

15:30 **Contextual flexibility of the representation of action- and sound-related verbs in the motor and auditory systems: An fMRI study**

Margot Popp

Ulm University, Department of Psychiatry

Talks, Wednesday, 15:00 - 16:30

- 15:45 **From hammers to numbers: The role of experience and expertise in shaping concrete and abstract concepts**
Marta Virginia Ghio & Christian Bellebaum
Heinrich-Heine University, Institute of Experimental Psychology
- 16:00 **The semantic content of abstract concepts: A property listing study of 296 abstract words**
Marcel Harpaintner
Ulm University, Department of Psychiatry
- 16:15 **The sensory-motor nature of number concepts and arithmetic**
Martin H. Fischer¹ & Samuel Shaki²
¹University of Potsdam; ²Ariel University

Talk session

Action and perception II

00/0070

Bernhard Pastötter

- 15:00 **Response-response bindings are binary**
Birte Moeller & Christian Frings
Trier University
- 15:15 **It's the Other Way Around! Early Modulation of Sensory Distractor Processing Induced by Late Response Conflict**
Bernhard Pastötter & Christian Frings
University of Trier, Psychology Department
- 15:30 **Time will tell: Binding and retrieval of temporal distractors**
Ruth Laub, Birte Moeller & Christian Frings
University of Trier, Department of Cognitive Psychology
- 15:45 **Pupil dilation predicts adaptive behavioral adjustments following different error types**
Martin E. Maier, Benjamin Ernst & Marco Steinhauser
Katholische Universität Eichstätt-Ingolstadt
- 16:00 **Competition in feature-response binding for irrelevant features**
Tarini Singh & Christian Frings
University of Trier, Department of Cognitive Psychology
- 16:15 **The effect of Working-Memory demands on task-order coordination in DT situations**
Sebastian Kübler¹, Tilo Strobach² & Torsten Schubert³
¹Martin-Luther Universität Halle-Wittenberg, Institut für Psychologie; Humboldt-Universität zu Berlin, Institut für Psychologie; ²MSH Medical School Hamburg, Fakultät für Humanwissenschaften; ³Martin-Luther Universität Halle-Wittenberg, Institut für Psychologie

Talk session

Development and Ageing

01/0010

Bianca Jovanovic

15:00

Influence of tool-use experience on motor planningBianca Jovanovic & Gudrun Schwarzer
Justus-Liebig-Universität Giessen, FB 06, Developmental Psychology

15:15

Helping hands: Fine motor skills predict basic arithmetic abilities in preschool and first gradeStephanie Roesch¹, Ursula Fischer², Sebastian Suggate², Korbinian Moeller³ & Heidrun Stoeger²
¹Leibniz-Institut für Wissensmedien, Neuro-cognitive Plasticity; University of Regensburg, Department of Educational Sciences; ²University of Regensburg, Department of Educational Sciences; ³Leibniz-Institut für Wissensmedien, Neuro-cognitive Plasticity; Institute of Psychology, Eberhard Karls University; LEAD Graduate School and Research Network, Eberhard Karls University

15:30

The advantage of being less protected: children's spatial orientation in the city of JakartaClara Ajisukmo¹, Agustina Hendriati¹ & Eva Neidhardt²
¹Atma Jaya Catholic University of Indonesia, Psychology; ²Universität Koblenz-Landau, FB1

15:45

The influence of incentives on cognitive control: a developmental studyMarc Woirgardt, Nicola K. Ferdinand & Jutta Kray
Saarland University, Department of Psychology

16:00

Lifespan CognitionDaniel M. Bernstein¹ & Daniel G. Derksen²
¹Kwantlen Polytechnic University; ²Simon Fraser University

16:15

Content and temporal event knowledge of elderly peopleMichelle Wyrobnik¹, Elke van der Meer² & Gesa Schaadt³
¹Humboldt-Universität zu Berlin, Institut für Psychologie, Kognitive Psychologie; ²Humboldt-Universität zu Berlin, Institut für Psychologie, Seniorprofessur Kognitive Psychologie; ³Max-Planck-Institut für Kognitions- und Neurowissenschaften, Abteilung Neurologie

Symposium

Diffusion Modeling

01/0020

Veronika Lerche & Andreas Voss

15:00

Diffusion modeling in motivational psychology: Inter-individual differences in fear of failure predict cognitive processingVeronika Lerche¹, Andreas B. Neubauer² & Andreas Voss¹
¹Heidelberg University, Psychological Institute; ²Department for Education and Human Development, German Institute for International Educational Research (DIPF)

15:15

Applying the diffusion model to research on cognitive controlStefanie Schuch
RWTH Aachen University, Institute of Psychology

Talks, Wednesday, 15:00 - 16:30

- 15:30 **Sequential modulation of compatibility-based and no-go-based backward crosstalk – insights from diffusion model analyses**
Moritz Durst & Markus Janczyk
Eberhard Karls University, Psychology
- 15:45 **Individual Differences in Post-Error Slowing**
Florian Schmitz¹, Doris Keye², Klaus Oberauer³ & Oliver Wilhelm⁴
¹Universität Duisburg-Essen; ²DLR Hamburg; ³University of Zürich; ⁴Ulm University
- 16:00 **Can we identify faking strategies in lie detection? A Diffusion Model Analysis of the Concealed Information Test**
Bartosz Gula, Lars Reich, Gáspár Lukács & Rainer Alexandrowicz
University of Klagenfurt, Department of Psychology
- 16:15 **Sequential Sampling Models with Variable Boundaries and Non-Normal Noise: A Comparison of Six Models**
Andreas Voss
Heidelberg University

Symposium

Cognition and Emotion in Human-Machine-Interaction

- 01/0030** Stefan Brandenburg, Anna K. Trapp, Michael Minge & Manfred Thüring
- 15:00 **Efficiency and Aesthetics of E-Commerce Results**
Anica Kleinjan¹ & Stefan Brandenburg²
¹CONTACT Software GmbH; ²Technische Universität Berlin, Cognitive Psychology and Cognitive Ergonomics
- 15:15 **Designing Touch Displays for Seniors: an Adaptive Approach**
Avner Shahal¹, Carola Trahms² & Michael Minge¹
¹Technische Universität Berlin, Department of Cognitive Psychology and Cognitive Ergonomics; ²Technische Universität Berlin, Institute of Software Engineering and Theoretical Computer Science, Quality and Usability Lab
- 15:30 **Blind-walking and distance estimation**
Julia Bastian
Universität Trier
- 15:45 **Acceptance of Mobile EEG-Devices**
Friederice Schröder¹ & Thea Radüntz²
¹Technische Universität Berlin, Department of Psychology and Ergonomics, Chair of Cognitive Psychology and Cognitive Ergonomics; ²Federal Institute for Occupational Safety and Health, Unit 3.4 - Mental Health and Cognitive Capacity
- 16:00 **Do robots dream of electric stereotypes? - Effects of gender-specific work stereotypes on trust in humanoid service robots**
Johannes Maria Kraus
Ulm University, Department Human Factors

- 16:15 **Social Inhibition of Return in the interaction between Humans and Virtual Agents**
 Carolin Wienrich¹, Felix Kretschmer², Richard Gross² & Gisela Müller-Plath²
¹University Würzburg, Institut Human-Computer-Media Team for Human-Technique-Systems; ²Technische Universität Berlin, Institute for Psychology and Ergonomics, Chair for Methodology and New Media

Talk session

Visual attention II

01/0110

Peter Wühr

- 15:00 **Response preparation with reliable cues decreases response competition in the flanker task**
 Peter Wühr¹, Christian Frings² & Herbert Heuer³
¹TU Dortmund University, Department of Psychology; ²Trier University, Department of Psychology; ³Leibniz Research Centre for Working Environment and Human Factors (IfADo)
- 15:15 **A direct comparison of evolutionary-relevant and modern stimuli in visual search – Does fear have an advantage at all?**
 András Norbert Zsidó¹, Orsolya Inhóf², Gergely Darnai³, Árpád Csathó⁴, Andras Matuz⁴, Beatrix Lábadí² & Laszlo Bernath⁵
¹University of Pécs; ²Institute of Psychology, University of Pécs; ³Institute of Psychology, University of Pécs; Department of Neurology, University of Pécs, Medical School; MTA-PTE Clinical Neuroscience MR Research Group; ⁴Department of Behavioural Sciences, University of Pécs; ⁵Faculty of Education and Psychology, Eötvös Loránd University
- 15:30 **Valence-based asymmetries in attentional bias towards emotional faces in the general population**
 Benedikt Emanuel Wirth & Dirk Wentura
 Saarland University, Department of Psychology
- 15:45 **Endogenous Cueing by Emotional Faces: Anticipatory Attentional Orienting Based on Visible and Masked Emotional Information**
 Timea Folyi, Michaela Rohr & Dirk Wentura
 Saarland University, Department of Psychology
- 16:00 **The Effect of Attitude Accessibility on Early Components of Visual Attention**
 Sebastian Dummel
 Universität zu Köln, Differentielle Psychologie und Psychologische Diagnostik

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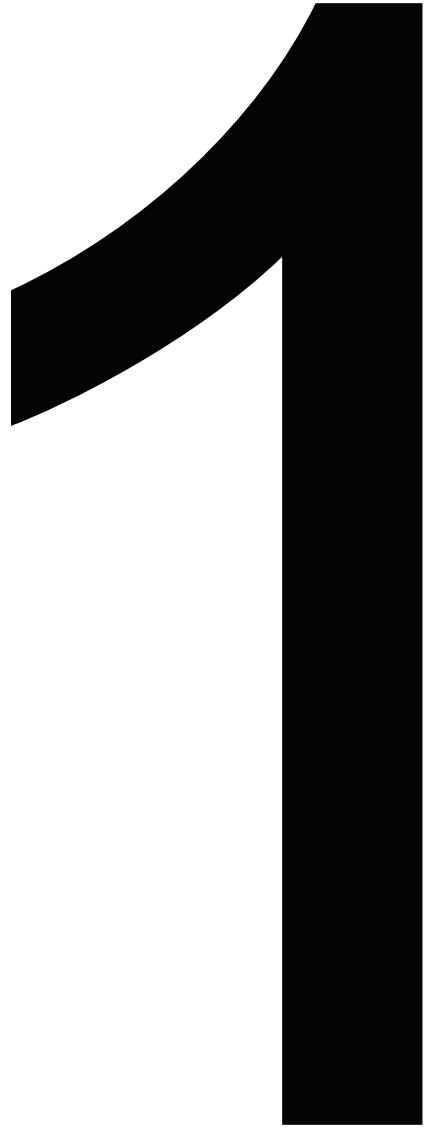
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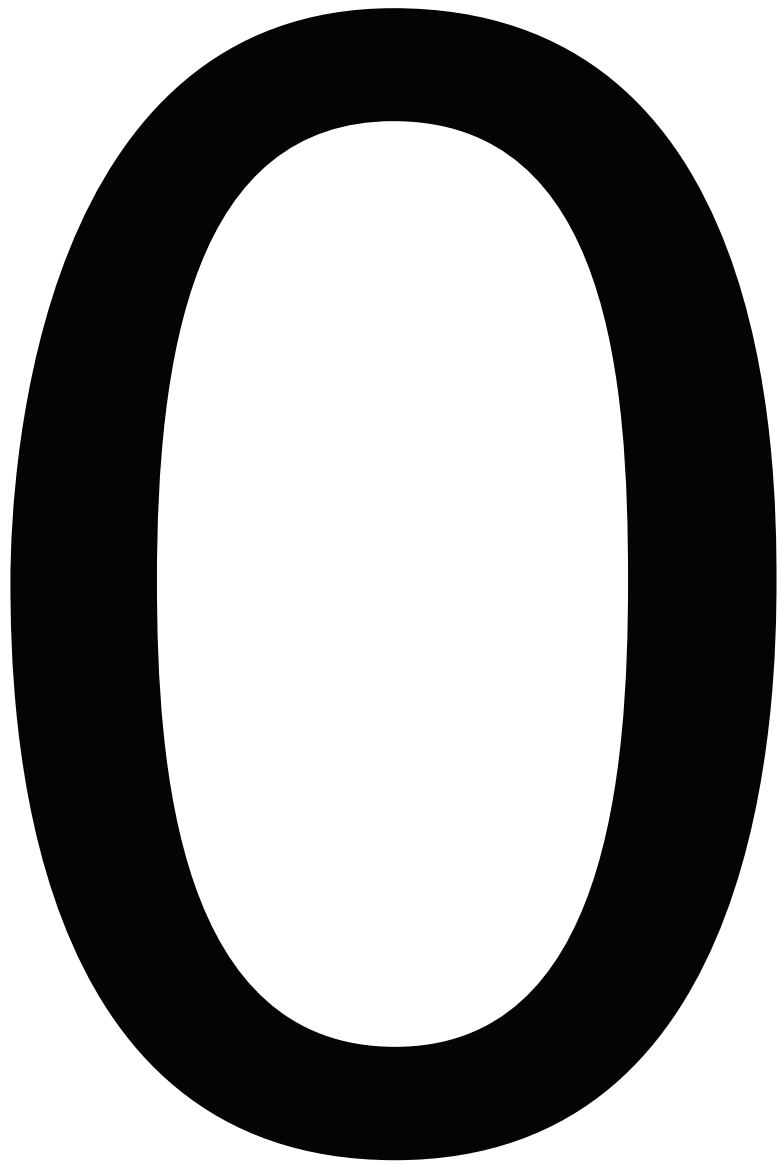
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