Thanks are due to the Head of School of Social Sciences, Jo Skinner, and the Psychology Subject Lead Chris Chandler for agreeing to host the TEAP 2019 at the London Metropolitan University. We would also like to thank Room Bookings, Estates, and Catering for supporting the TEAP 2019. The Program Committee consisted of Christopher Chandler, London Metropolitan University, Lynn Huestegge, Julius-Maximilians-Universität Würzburg, Yanbo Hu, London Metropolitan University, Thomas Lachmann, Technical University of Kaiserslautern, and Gert Westermann, Lancaster University. Further thanks go to Ridhi Kochhar, Hayley Bremner, Amrutha Premraj and Hind Bechari for their support. We are grateful to our sponsors Tobii Ltd., Stockholm-Danderyd, Sweden, SR Research EyeLink, Brighton, UK, and Berisoft Inc., Redwood City, CA, USA.

There are TWO main entrances from Holloway Road, the Tower Building entrance which is the first one that you encounter and the Clock Tower entrance. You will find the TEAP reception desk at the Clock Tower entrance. Please pick up your conference badge at the Clock Tower entrance and be sure to wear it on each day of the conference as you will need this identification to access the building which is otherwise blocked by turnstile gates (like the TFL underground).

The university buildings have grown over many years and centuries in various ways. Hence there are pathway sketches added on pages 7-8 to help you navigate on this urban campus.
History of the London Metropolitan University

London Metropolitan University, commonly known as the London Met is the result of the merger of the University of North London (formerly the Polytechnic of North London) and London Guildhall University (formerly the City of London Polytechnic) in 2002. With roots going back to 1848, it is one of London’s oldest educational institutions. The university has campuses in the City of London and in the London Borough of Islington, a museum, archives and libraries. Special collections include the Trade Union Congress Library, the Women’s Library, the Irish Studies Collection and the Frederick Parker Collection.

London Guildhall University (City Campus)

In 1848 Charles James Blomfield, the Bishop of London, called upon the clergy to establish evening classes to improve the moral, intellectual and spiritual condition of young men in London. In response, the bishop Charles Mackenzie, who instituted the Metropolitan Evening Classes for Young Men in Crosby Hall, Bishopsgate, London, with student fees at one shilling per session. Subjects on the original curriculum included Greek, Latin, Hebrew, English, History, Mathematics, Drawing and Natural Philosophy. This fledgling college came under royal patronage following the visit of Prince Albert to the classes in 1851. In 1860 the classes moved to Sussex Hall, the former Livery Hall of the Bricklayers’ Company, in Leadenhall Street. By this time, some 800 students were enrolled annually.

City of London College’s new building at Moorfields in 1883 opened by the then Prince of Wales

In 1861 the classes were reconstituted and named the City of London College. Over the next twenty years, the College was one of the pioneers in the introduction of commercial and technical subjects. The college built new premises in White Street at a cost of £16,000 (contributions were received from Queen Victoria and the Prince of Wales) and were opened in 1881.

Crosby Hall in 1848, where the Metropolitan Evening Classes for Young Men started

In December 1940 the college’s building was destroyed by a German air raid. City of London College subsequently moved into premises at 84 Moorgate in 1944. In 1948, the City of London College celebrated its centenary with a service of thanksgiving addressed by the Archbishop of Canterbury at St Paul’s Cathedral. In 1970 the college merged with Sir John Cass College to form the City of London Polytechnic. In 1977 it also became the home of the Fawcett...
Society library, afterwards the Women’s Library.

Under the Further and Higher Education Act 1992 the Polytechnic was awarded university status (having previously awarded degrees of the Council for National Academic Awards). It was renamed London Guildhall University, to demonstrate its links with the City of London and the City’s many guilds/livery companies. It was ranked 30th out of the UK’s 43 new universities in the 2001 Research Assessment Exercise.

The former London Guildhall University campus is now the city campus and is located at the intersection of the City of London financial district and the old East End, near Aldgate East, Tower Hill and Liverpool Street tube stations. There are buildings located at Minories, Jewry Street, Central House, Moorgate, Whitechapel High Street, Calcutta House, Commercial Road and Goulston Street.

Calcutta House which was named after the Indian port of Calcutta

University of North London (North Campus)

The Northern Polytechnic opened in Holloway with aid from the City Parochial Foundation and substantial donations from the Worshipful Company of Clothworkers in 1896. Under the terms of its Royal Charter, its objective was “to promote the industrial skill, general knowledge, health and well-being of young men and women belonging to the poorer classes of Islington [and] to provide for the inhabitants of Islington and the neighbouring parts of north London, and especially for the Industrial Classes, the means of acquiring a sound General, Scientific, Technical and Commercial Education at small cost.” By 1911, five-year University of London evening degrees were available also for women. The modernist Cecil Stephenson was appointed Head of Art in 1923 and, from 1925, courses were recognised by the Royal Institute of British Architects.

The Northern Polytechnic Institute merged in 1971 with the North Western Polytechnic which was established in 1929, to become the Polytechnic of North London. Until the passing of the Education Reform Act 1988, the Polytechnic was under the control of the Inner London Education Authority – part of the then Greater London Council and awarded the degrees of the former Council for National Academic Awards. Under the Further and Higher Education Act 1992, the institution, a pioneer of widening participation and access to higher education, was granted university status and the right to award its own degrees. Following the merger with London Guildhall University, London Metropolitan University became for a while the largest unitary university in Greater London.

Room Plan for the TEAP 2019

The North Campus buildings cover the area between the triangular space of Holloway Road, Hornsey Road and Benwell Road. There is an inner courtyard in the centre of the university buildings. For the TEAP 2019 conference, we primarily are using the lecture rooms which are located on the side of Holloway Road. There are more lecture theatres and teaching rooms in the Tower Building and towards Benwell Road but these are more difficult to find.
Room Plan Pathway Sketches (not true to scale)

TG30 (Henry Thomas Room), GC1-08, GCG-08, TMG-58

For rooms in the Roding Building, take the lift or stairs near the Highbury Refectory (in the map on the left). If you take the second set of stairs (on the map on the right) to the Ground Floor you arrive at a passageway that leads to the Clock Tower entrance.

Great Hall, TMG-45, TMG-47, Highbury Refectory, BPLG-01, BPLG-02
OVERVIEW
Monday, April 15th

09:00-11:00
Session 1A
Meta-Cognition (Symposium)
TG-30 Henry Thomas

09:00-11:00
Session 1B
Psychophysiological Correlates of Effort-related Processes (Symposium)
GC1-08

09:00-11:00
Session 1C
Priming (Individual Talks)
TM1-06

09:00-11:00
Session 1D
Perception (Individual Talks)
TM2-02

09:00-11:00
Session 1E
Executive Function: Multi-Tasking (Individual Talks)
BPLG-02

11:30-13:00
KEYNOTE SPEAKER
Prof David Shanks, UCL
'Testing your memory: The many consequences of retrieval on long-term learning and retention'
TR1-04 Great Hall

14:00-16:00
Session 3A
POSTER SESSIONS: Perception and (Working) Memory
BPLG-01

14:00-16:00
Session 3B
POSTER SESSION: Emotion, Agency, and Learning
TMG 45

16:30-19:00
Session 4A
Recent Findings from Experimental Studies on the Re-Occurrence of Repetitive Negative Thoughts (Symposium)
TG-30 Henry Thomas

16:30-19:00
Session 4B
Neuro-cognitive Control Mechanisms in Human Multi-tasking (Symposium)
GC1-08

19:15-21:00
DGPS Open and Public Meeting of the Cognitive Section
TG-30 Henry Thomas

21:00-23:30
TEAP 2019 CONFERENCE PARTY
TR1-04 Great Hall (you need the ticket)
Meta-Cognition (Symposium)

Meta-cognition – monitoring and controlling one’s own cognitions – is among the most fascinating abilities of the human mind. In recent years, metacognition has received considerable attention in experimental psychology. This symposium presents new findings from this intriguing field of research. In the first talk, Zawadzka and Hanczakowski examine how metacognitive monitoring during repeated study trials benefits learning. In the second talk, Zimdahl and Undorf report research showing that knowledge about retrieval success and failure biases metacognitive evaluations. The following two talks discuss social aspects of metacognitive monitoring and control. Undorf presents work indicating that judgments about one’s own memory in that both rely on nonanalytical, experience-based processes. Kuhlmann reports experiments showing that the ability to generate helpful memory cues for oneself is spared from aging, whereas the ability to generate memory cues in order to help other persons to remember is impaired in older age. Finally, Rouault, Dayan, and Fleming report behavioral and neuroimaging data indicating that confidence in single decisions supports the formation of global self-performance estimates. Taken together, the five talks of the symposium offer an up-to-date overview of current research in metacognition.

CHAIRS:
Beatrice G. Kuhlmann (University of Mannheim, Germany)
Monika Undorf (University of Mannheim, Germany)

LOCATION: TG-30 Henry Thomas

09:00-11:00 Session 1A: Meta-Cognition (Symposium)

Psychophysiological Correlates of Effort-related Processes (Symposium)

Recent decades have shown increased interest in physiological measures reflecting effort-related psychological processes. This symposium combines six presentations that showcase the variety of examined topics and employed measures in the field. The first two presentations will elaborate on the association between physiological and behavioural measures of effort. Capa will present research examining behavioural and physiological adaptations to changes in mental workload showing that the association between pre-ejection period and cognitive performance varies as a function of task demand. Bijleveld will then discuss the relationship between feelings of effort and physiological correlates of effort-presenting data that reveal a dissociation between task demand-induced changes in self-reported effort and changes in pupil dilation. The following presentations will present applications of motivational intensity theory’s effort-related predictions to different psychological phenomena. Gendolla will elaborate on boundary conditions of implicit priming on effort showing that briefly presented affective pictures only affect effort-related cardiovascular activity if they are processed in an achievement context and without explicit awareness. Lasauskaite will present a study that highlights the impact of light conditions on effort-related sympathetic activity showing that cold, blue light results in weaker pre-ejection period response than warm, red light. Richter will compare two conflicting predictions about the impact of the implicit achievement motive on effort presenting findings that demonstrate that its impact on effort varies as a function of the clarty of task demand. Slade will discuss an application of motivational intensity theory to listening presenting results that suggest that pre-ejection period reactivity reflects listening demand.

CHAIR: Michael Richter (Liverpool John Moores University, UK)

LOCATION: GC1-08

Psychophysiological correlates of effort-related processes - 1
09:00 Capa (Federal University of Toulouse, INU Champollion, France)
09:20 Erik Bijleveld (Radboud University, Netherlands)
09:40 Guido Gendolla (University of Geneva, Switzerland)

Psychophysiological correlates of effort-related processes - 2
10:00 Ruta Lasauskaite (Psychiatric Hospital of the University of Basel, Switzerland)
10:20 Michael Richter (Liverpool John Moores University, UK)
10:40 Kate Slade (Liverpool John Moores University, UK)

Psychophysiological correlates of effort-related processes - 3
11:00 David Framorando (University of Geneva, Switzerland)
11:20 Christian Cajochen (Psychiatric Hospital of the University of Basel, Switzerland)
11:40 Michael Richter (Liverpool John Moores University, UK)

Psychophysiological correlates of effort-related processes - 4
12:00 Michael Richter (Liverpool John Moores University, UK)
12:20 Michael Richter (Liverpool John Moores University, UK)
12:40 Michael Richter (Liverpool John Moores University, UK)

Psychophysiological correlates of effort-related processes - 5
13:00 Michael Richter (Liverpool John Moores University, UK)
13:20 Michael Richter (Liverpool John Moores University, UK)

Psychophysiological correlates of effort-related processes - 6
14:00 Michael Richter (Liverpool John Moores University, UK)
Session 1C: Priming (Individual Talks)

**CHAIR:**
Michaela Rohr (Saarland University, Germany)

**LOCATION:** TM1-06

09:00 Imke Marilla Gillich (Helmut Schmidt University / University of the Federal Armed Forces Hamburg, Germany)
Thomas Jacobsen (Helmut Schmidt University / University of the Federal Armed Forces Hamburg, Germany)
Mike Wendt (Medical School Hamburg, Germany)

**Independent effects of distractor-target SOA and proportion congruency**

09:20 Michaela Rohr (Saarland University, Germany)
Dirk Wentura (Saarland University, Germany)

**Priming the specific emotion category with individually selected nouns: Evidence for fast processing of emotional connotations**

09:40 Anton Ott (Norwegian University of Science and Technology, Norway)
Dawn M. Behne (Norwegian University of Science and Technology, Norway)
Pascal Gygi (University of Fribourg, Switzerland)
Jukka Hyönä (University of Turku, Finland)
Ute Gabriel (Norwegian University of Science and Technology, Norway)

**Word-to-image priming of gender information: Beyond binary response designs**

10:00 Nicholas Lange (University of Plymouth, UK)
Christopher J. Berry (University of Plymouth, UK)
Timothy J. Hollins (University of Plymouth, UK)

**Investigating the role of recognition in the association of priming and source memory**

10:20 Timea Folyi (Saarland University, Germany)
Michaela Rohr (Saarland University, Germany)
Dirk Wentura (Saarland University, Germany)

**Emotion-specific cross-modal priming with brief prime duration and stimulus onset asynchronies: Testing the cross-modal integration account**

10:40 Johanna Bogon (Universität Regensburg, Germany)
Karin Kollnberger (Universität Regensburg, Germany)
Roland Thomaschke (Albert-Ludwigs-Universität Freiburg, Germany)

**Binding Time: Integration of response duration into event files**

Session 1D: Perception (Individual Talks)

**CHAIR:**
Lynn Huestegge (University of Würzburg, Germany)

**LOCATION:** TM2-02

09:00 Christian Kaernbach (Institut für Psychologie, Christian-Albrechts-Universität zu Kiel, Germany, Germany)
Anna Marie Ulrich (Institut für Psychologie, Christian-Albrechts-Universität zu Kiel, Germany, Germany)
Jabin Kaneczok (Institut für Psychologie, Christian-Albrechts-Universität zu Kiel, Germany, Germany)
Maximilian Brütt (Institut für Psychologie, Christian-Albrechts-Universität zu Kiel, Germany, Germany)
Thorsten Bartsch (Klinik für Neurologie, Universitätsklinikum Schleswig-Holstein, Germany, Germany)

**Visual sensory pattern separation and completion**

09:20 Markus Conci (Ludwig Maximilian University of Munich, Germany)
Hermann J. Müller (Ludwig Maximilian University of Munich, Germany)
Siyi Chen (Ludwig Maximilian University of Munich, Germany)

**Completion of parts into whole objects: Surface and contour grouping in Kanizsa figures**

09:40 Constantin Schmidt (University of Würzburg, Germany)
Anna Foerster (University of Würzburg, Germany)
Wilfried Kunde (University of Würzburg, Germany)

**Proactive Control of Affective Distraction: Experience-Based but Not Expectancy-Based**

10:00 Helene Kreysa (Friedrich Schiller University Jena, Germany)
Dorothee Scheffel (Friedrich Schiller University Jena, Germany)
Carolin S. Altman (University Hospital Jena, Germany)
Romi Zäske (Friedrich Schiller University Jena; University Hospital Jena, Germany)
Stefan R. Schweinberger (Friedrich Schiller University Jena, Germany)

**Multimodal effects of differentially attractive faces and voices on rating scores and pupil dilation**

10:20 Anna Eiserbeck (Humboldt-Universität zu Berlin, Germany)
Alexander Enge (Humboldt-Universität zu Berlin, Germany)
Rasha Abdel Rahman (Humboldt-Universität zu Berlin, Germany)

**Investigating effects of person knowledge and facial trustworthiness on the access to visual awareness**

10:40 Annekathrin Schacht (University of Goettingen, Affective Neuroscience and Psychophysiology Laboratory, Germany)
Wiebke Hammerschmidt (University of Goettingen, Affective Neuroscience and Psychophysiology Laboratory, Germany)
Louisa Kükke (University of Goettingen, Affective Neuroscience and Psychophysiology Laboratory, Germany)
Igor Kagan (German Primate Center (DPZ), Decision and Awareness Group, Germany)

**Implicit reward associations impact face processing: Time-resolved evidence from event-related brain potentials and pupil dilations**
Executive Function: Multi-Tasking (Individual Talks)

CHAIR:
Michèle Muhmenthaler (University of Bern, Switzerland)

LOCATION: BPLG-02

09:00 Michèle Muhmenthaler (University of Bern, Switzerland)
Beat Meier (University of Bern, Switzerland)
Different impact of task switching and response compatibility on long-term memory

09:20 Mareike Hoffmann (University of Würzburg, Germany)
Iring Koch (RWTH Aachen University, Germany)
Lynn Huestegge (University of Würzburg, Germany)
Lack of oculomotor dominance while switching among effector systems?

09:40 Jovita Brüning (TU Berlin, Germany)
Marie Mückstein (TU Berlin, Germany)
Dietrich Manzey (TU Berlin, Germany)
Task Organization in Multitasking – Impact of Lowered Between-Task Resource Competition on the Efficiency of Response Strategies in Free Concurrent Dual-Tasking

10:00 Erik Friedgen (RWTH Aachen University, Germany)
Iring Koch (RWTH Aachen University, Germany)
Denise Nadine Stephan (RWTH Aachen University, Germany)
Effects of Postural Control in Multitasking

10:20 Aleks Pieczykolan (RWTH Aachen University, Germany)
Lynn Huestegge (University of Würzburg, Germany)
Resource distribution in cross-modal action – challenging the view of separate resource pools for effector systems in multitasking

10:40 Laura Broeker (German Sport University Cologne, Germany)
Roman Liepelt (German Sport University Cologne, Germany)
Edita Poljac (Universität Freiburg, Germany)
Stefan Kunze (Universität Augsburg, Germany)
Harald Ewald (Universität Augsburg, Germany)
Rita F. de Oliveira (London South Bank University, Germany)
Markus Raab (German Sport University Cologne, Germany)
Multitasking as a choice: a perspective

Decision-Making 1 (Individual Talks)

CHAIR:
Momme von Sydow (Ludwig-Maximilians-Universität Muenchen, Germany)

LOCATION: GCG-08

09:00 Momme von Sydow (Ludwig-Maximilians-Universität Muenchen, Germany)
Christoph Merdes (Zentralinstitut für Wissenschaftsreflexion und Schlüsselqualifikationen, FAU, Germany)
Ulrike Hahn (Birkbeck, University of London, UK)
Belief-Based Assessment of the Reliability of Sources – Light at the End of the Tunnel?

09:20 Anne Schlottmann (University College London, UK)
Improving Children’s Understanding of How Substances Mix through Taste Experience and Analogy

09:40 Mario Herberz (University of Geneva, Switzerland)
Ulf Hahn (University of Geneva, Switzerland)
Tobias Brosch (University of Geneva, Switzerland)
Unit familiarity leads to higher sensitivity to attribute differences: An application to attribute translation of car consumption

10:00 Marko Tesic (Department of Psychological Sciences, Birkbeck, University of London, UK)
Alice Lieggreen (Department of Experimental Psychology, University College London, UK)
David Lagnado (Department of Experimental Psychology, University College London, UK)
Explaining away: probability interpretations and diagnostic reasoning

10:20 Franziska Bott (University of Mannheim, Germany)
Thorsten Meiser (University of Mannheim, Germany)
Decision Making Based on Pseudocontingencies – A Matter of Information Sampling

10:40 David Huegli (School for Applied Psychology, University of Applied Sciences and Arts Northwestern Switzerland, Switzerland)
Sarah Merks (School for Applied Psychology, University of Applied Sciences and Arts Northwestern Switzerland, Switzerland)
Adrian Schwaninger (School for Applied Psychology, University of Applied Sciences and Arts Northwestern Switzerland, Switzerland)
Human-automation interaction in a simulated cabin baggage screening task with automated explosive detection
11:30-13:00
Welcome and Keynote Speaker

Elizabeth Charman, Pro-Vice Chancellor for Academic Development, LMU, UK
Welcome address

Hans-Peter Langfeldt, Goethe University Frankfurt, Germany
60 Years of TEAP - In Memoriam Heinrich Düker

Prof David Shanks, UCL, UK
'Testing your memory: The many consequences of retrieval on long-term learning and retention'

CHAIR:
Chris Lange-Kuettner (LMU, UK)
LOCATION: TR1-04 Great Hall

14:00-16:00 Session 3A: POSTER SESSIONS: Perception and (Working) Memory

POSTER SESSIONS: Perception and (Working) Memory

LOCATION: BPLG-01

1 Sebastian Mach (Chemnitz University of Technology, Germany)
   Marisa Roßner (Chemnitz University of Technology, Germany)
   Franziska Schmalfuß (Chemnitz University of Technology, Germany)
   Josef Krems (Chemnitz University of Technology, Germany)
   I feel you – Tactile notifications via wearable devices in the industrial environment of the future

2 Leif Johannsen (RWTH Aachen University, Germany)
   Annika Kuck (Technical University of Munich, Germany)
   Alan Wing (University of Birmingham, UK)
   Attentional demands of postural state transitions in older adults: the benefit of preparatory cues

3 Annika L. Klaffehn (University of Würzburg, Germany)
   Roland Pfister (University of Würzburg, Germany)
   David Dignath (University of Freiburg, Germany)
   Andreas Kalckert (University of Reading Malaysia, Malaysia)
   Wilfried Kunde (University of Würzburg, Germany)
   How to lose a hand: The temporal structure of disembodiment

4 Nandor Hajdu (ELTE Eötvös Loránd University, Hungary)
   Barnabas Szasz (ELTE Eötvös Loránd University, Hungary)
   Balázs Aczel (ELTE Eötvös Loránd University, Hungary)
   Social, psychological and environmental factors influencing staircase use

5 Martina Rieger (UMIT, Austria)
   Stephan F. Dahm (UMIT, Austria)
   Victoria K.E. Bart (UMIT, Austria)
   Motor imagery of bimanual coordination in pianists and non-musicians

6 Barbara E. Marschallek (Experimental Psychology Unit - Helmut Schmidt University/University of the Federal Armed Forces, Germany)
   Selina M. Weiler (Experimental Psychology Unit - Helmut Schmidt University/University of the Federal Armed Forces, Germany)
   Mona Jürg (Experimental Psychology Unit - Helmut Schmidt University/University of the Federal Armed Forces, Germany)
   Thomas Jacobsen (Experimental Psychology Unit - Helmut Schmidt University/University of the Federal Armed Forces, Germany)
   An inverse correlation between Need for Uniqueness (NFU-G) and Visual Aesthetic Sensitivity (VAST*)

7 Felice Tavera (University of Cologne, Germany)
   Hilde Haider (University of Cologne, Germany)
   Prediction effects in the interaction of scene and object processing

8 Frederic Göhringer (Ludwig Maximilian University of Munich, Germany)
   Miriam Lühr-Limpens (Ludwig Maximilian University of Munich, Germany)
   Thomas Schenk (Ludwig Maximilian University of Munich, Germany)
   Size representation in the dorsal system seems to be less not more accurate than size representation in the ventral system

9 Sebastian Burger (Adolf-Würth-Center for the History of Psychology, University of Würzburg, Germany)
   Armin Stock (Adolf-Würth-Center for the History of Psychology, University of Würzburg, Germany)
   The aesthetic impression of stereoscopic images

10 Isabella Kreiling (UMIT the health & life science university, Austria)
    Stephanie Rösch (IWM Leibniz-Institut für Wissensmedien, Germany)
    Silvia Pixner (IMIT the health & life science university, Austria)
    Structured quantities like finger patterns or dots of dice are of relevance for arithmetics

11 Ronja Mueller (Medical School Hamburg, Germany)
   Sandra Ulz (University of Bamberg, Germany)
   Claus-Christian Carbon (University of Bamberg, Germany)
   Til Strobach (Medical School Hamburg, Germany)
   Face adaptation effects on local information

12 Rebekka Schubert (TU Dresden, Germany)
   Maarten Jung (TU Dresden, Germany)
   Jens Helmert (TU Dresden, Germany)
   Sebastian Pannasch (TU Dresden, Germany)
   Size matters: Vergence movements are influenced by familiar size

13 Gáspár Lukács (University of Vienna, Austria)
   Claudia Kawai (University of Vienna, Austria)
   Ulrich Ansorge (University of Vienna, Austria)
   The influence of interstimulus-interval types in the response time-based Concealed Information Test
Activation of task representations at the global level of dual-task processing

Learning of across-task-contingencies modulates partial repetition costs in dual-tasking

Grasping and perception are both affected by irrelevant information and secondary tasks

Investigating the impact of visual and auditory task environments on cognitive load biomarkers

The role of semantic processing and response latency in the SNARC effect

Conflict adaptation effect on n - 4 under dual-tasking

Visual search in x-rayed hand luggage not harmed by working memory load

Difficulty: Hard! What can we learn from triple-tasks

Disruption of spatial working memory performance depends on the fraction of motor re-planning

The Inter-Relation of Processing and Storage in Working Memory cannot be explained by Cognitive Load

Reduced n – 2 Repetition Costs by Inclusion of Task Repetitions are due to increased Task Shielding

Investigating paired-word recognition: A comparison of continuous and discrete-state models

Wakeful resting and memory retention: Testing individual differences in children aged 13-14 years

Benefits of Memory Offloading for Subsequent Cognitive Performance

The Unequal Variance Signal-Detection Model of Recognition Memory: A pre-registered replication study

The Unequal Variance Signal-Detection Model of Recognition Memory: Investigating the Encoding Variability Hypothesis
2 Susana Ruiz Fernández (FOM-Hochschule für Oekonomie und Management; Leibniz-Institut für Wissensmedien Tübingen, Germany)
   Juan Jose Rahana (Leibniz-Institut für Wissensmedien (IWM), Germany)
   Sergio Cervera Torres (Leibniz-Institut für Wissensmedien (IWM), Germany)
   Martin Lachmair (Leibniz-Institut für Wissensmedien (IWM), Germany)
   Hendrik Godbersen (FOM-Hochschule für Oekonomie und Management, Germany)

   The Past Is in the Past but the Future Is Bright: Associating Positive Affects with the Future and Negative Affects with the Past

3 Sarah Esser (University of Cologne, Germany)
   Hilde Haider (University of Cologne, Germany)
   Hedwig Eisenbarth (Victoria University of Wellington, New Zealand)

   Learning deficits in psychopathic individuals: A problem of attentional focus or emotion processing?

4 Anna Dapprich (Radboud University, Netherlands)
   Katinka von Borries (Radboud University, Netherlands)
   Karin Roelofs (Radboud University, Netherlands)
   Wolf-Gero Lange (Radboud University, Netherlands)

   The Role of Social Anxiety, Psychopathic Tendencies and Hormones in Approach-Avoidance Behavior towards Emotional Faces

5 Joanna Kisker (Osnabrück University, Germany)
   Rebecca Sophia Sylvester (Osnabrück University, Germany)
   Elise Leila Radtke (Osnabrück University, Germany)
   Benjamin Schöne (Osnabrück University, Germany)
   Thomas Gruber (Osnabrück University, Germany)

   Library for Universal Virtual Realty Experiments: IUvRe

6 Sergio Cervera-Torres (Leibniz Institut für Wissensmedien (IWM)-Knowledge Media Research Center, Germany)
   Susana Ruiz Fernández (FOM-Hochschule für Oekonomie und Management; Leibniz-Institut für Wissensmedien (IWM), Germany)
   Martin Lachmair (Leibniz-Institut für Wissensmedien; LEAD Graduate School & Research Network, University of Tübingen, Germany)
   Matthias Riekert (Leibniz Institut für Wissensmedien (IWM)-Knowledge Media Research Center, Germany)
   Peter Gerjets (Leibniz Institut für Wissensmedien (IWM)-Knowledge Media Research Center, Germany)

   Altering emotions near the hand: Approach-Avoidance swipe interactions modulate emotional images judgments

7 Carolin Schwab (Ludwig Maximilian University of Munich, Germany)
   Anne Frenzel (Ludwig Maximilian University of Munich, Germany)
   Elizabeth Mayer (Ludwig Maximilian University of Munich, Germany)

   Discrete Emotions in Grading Situations: Differentiated Effects of Anger, Enjoyment, and Boredom on Grades

8 Tina Braun (Universität der Bundeswehr München, Germany)
   Ute Kunzmann (Universität Leipzig, Germany)
   Timo von Oertzen (Universität der Bundeswehr München, Germany)

   Children show a better empathic accuracy in the presence of their mentor

9 Knut Drewing (Giessen University, Germany)

   Emotional responses to touched materials in young female and male adults

10 Irene Sophia Plank (Einstein Center for Neurosciences Berlin, Germany)
    Lisa-Nel Christiansen (Universitatsbedarf, Germany)
    Felix Berrmpohl (Charité – Universitätsmedizin Berlin, Germany)

   Understanding Children. Parents versus Non-Parents

11 Sara Schmiz (Central Institute of Mental Health Mannheim, Germany)
    Johanna Hepp (Central Institute of Mental Health Mannheim, Germany)
    Inga Niedtfeld (Central Institute of Mental Health Mannheim, Germany)

   Negative affect, emotion processing and distrust – a Daily Life Study

12 Simon Sanwald (Universität Ulm, Germany)
    Christian Montag (Universität Ulm, Germany)
    Markus Kiefer (Universität Ulm, Germany)

   Depressive emotionality moderates the influence of the BDNF Val66Met polymorphism on unconscious semantic priming

13 Johannes Grober (Institut für Wissensmedien (IWM), Germany)
    Martina Bienzlie (Institut für Wissensmedien (IWM), Germany)
    Joachim Kummer (Institut für Wissensmedien (IWM), Germany)

   Learning from digital educational videos: The impact of the source profession on attitude, expectation, and knowledge

14 Hannah Schipperges (Albert-Ludwigs-Universität Freiburg, Germany)
    Zelina Sahintürk (Albert-Ludwigs-Universität Freiburg, Germany)
    Marion Braun (Albert-Ludwigs-Universität Freiburg, Germany)
    Sonia Ehret (Albert-Ludwigs-Universität Freiburg, Germany)
    Minam Rues (Albert-Ludwigs-Universität Freiburg, Germany)
    Roland Thomaschke (Albert-Ludwigs-Universität Freiburg, Germany)

   Minimal art museums have restorative effects

15 Luisa Prochazkova (Leiden University, Netherlands)
    Roberta Sellaro (Leiden University, Netherlands)
    Bernhard Hommel (Leiden University, Netherlands)

   The effects of performance (Non-)contingent reward on metacontrol policies

16 David Dignath (University Freiburg, Germany)
    Robert Wirth (University Würzburg, Germany)
    Jan Kühnhausen (University Tübingen, Germany)
    Catherina Gawrilow (Jan.kuehnhausen@uni-tuebingen.de, Germany)
    Wilfried Kunde (Universität Würzburg, Germany)
    Andrea Kiesel (University Freiburg, Germany)

   Motivation drives conflict adaptation

17 Lars König (University of Münster, Germany)

   Developing Podcasts to Teach Psychology: Teacher Enthusiasm Increases Students’ Excitement, Interest, Enjoyment, and Learning Motivation

18 Thomas Maran (University of Liechtenstein, Liechtenstein)
    Simon Liegl (University of Innsbruck, Austria)
    Marco Furtner (University of Liechtenstein, Liechtenstein)
    Tilman Grünbaum (University of Innsbruck, Austria)
    Nils Bergau (University of Innsbruck, Austria)
    Pierre Sachse (University of Innsbruck, Austria)
    Chiara Dietz (University of Innsbruck, Austria)
    Lucas Haraped (University of Innsbruck, Austria)

   Abolished associative learning in states of lust
Attention or temporal learning: what explains the PCE?

20 Christian Böffel (RWTH Aachen University, Germany)
   Tjoen Müsseler (RWTH Aachen University, Germany)
   **Automatic Response Activation in the Avatar Compatibility Task**

21 Janine Jargow (TU Dresden, Germany)
   Christina Pfeuffer (Albert-Ludwigs-Universität Freiburg, Germany)
   Hannes Ruge (TU Dresden, Germany)
   **Top-down modulation of experience-based and instruction-based stimulus-category and stimulus-response associations**

22 Marvin Liesner (Julius Maximilians University of Würzburg, Germany)
   **Dissociating the role of compatibility and predictability of action-effect relations for explicit measures of the active self**

23 Bianca Jovanovic (University of Giessen, Germany)
   Gudrun Schwarzer (University of Giessen, Germany)
   **Considering comfort in a social context: how children give different tools to confederates**

24 Lara Kirfel (University College London, UK)
   David Lagnado (University College London, UK)
   **The impact of action frequency on causal judgements**

25 Katharina A. Schwarz (University of Würzburg, Germany)
   Lisa Weller (University of Würzburg, Germany)
   Aninka L. Klaffehn (University of Würzburg, Germany)
   Wilfried Kunde (University of Würzburg, Germany)
   Roland Pfister (University of Würzburg, Germany)
   **Implicit and explicit measures capture distinct facets of human agency**

26 Anna Foerster (University of Würzburg, Germany)
   Lisa Weller (University of Würzburg, Germany)
   Pfister Roland (University of Würzburg, Germany)
   Katharina Schwarz (University of Würzburg, Germany)
   **None of my business: Reduced agency for the consequences of lies**

27 Beatrix Lábadi (University of Pécs, Hungary)
   Orsolya Inhóf (University of Pécs, Hungary)
   András Zsidd (University of Pécs, Hungary)
   Gergely Darnai (University of Pécs, Hungary)
   **Lateralisation of sense of body ownership**

28 Erik Lang (University of Cologne, Germany)
   Angela Mariele Brands (University of Cologne, Germany)
   Markus Peters (University of Cologne, Germany)
   Tatjana Thye (University of Cologne, Germany)
   **The Role of Cognitive Flexibility in the Emergence of Explicit Knowledge in a Serial Reaction Time Task**

29 Denise Stephan (RWTH Aachen University, Germany)
   Irina Koch (RWTH Aachen University, Germany)
   **Multimodal Sequence Learning**

30 Kyoungwon Kim (Institute of Physiology and Anatomy, German Sport University Cologne, Germany)
   Omar Bock (Institute of Physiology and Anatomy, German Sport University Cologne, Germany)
   **Stage-wise versus parallel acquisition of landmark, route and survey knowledge in a virtual city**

31 Lena M. Woltherslaeger (Jacobs University Bremen, Germany)
   Adele Diederich (Jacobs University Bremen, Germany)
   **A “psychophysical” preferential choice study of context effects with real consequences**

32 Mike Wendt (Medical School Hamburg, Germany)
   Imke Gillich (Helmut Schmidt University, Germany)
   Thomas Jacobsen (Helmut Schmidt University, Germany)
   **Cue-based preparation of non-perceptual stimulus-response translation processes: evidence from a probe task approach**

33 Eva Röttger (University of Cologne, Germany)
   Hilde Haider (University of Cologne, Germany)
   Fang Zhao (FernUniversität in Hagen, Germany)
   Robert Gaschler (FernUniversität in Hagen, Germany)
   **Implicit sequence learning as an indicator of the adopted dual-task processing mode?**

34 Clarissa Lustig (University of Cologne, Germany)
   Hilde Haider (University of Cologne, Germany)
   **Differences of experienced fluency in implicit sequence learning**

35 Ann-Katrin Hosch (University of Konstanz, Germany)
   Tanja A. Hoffmann (University of Konstanz, Germany)
   **Now categorize again! - Forced strategy change does not help to discover the category structure in unsupervised categorization**

36 Christine Blech (FernUniversität in Hagen, Germany)
   Robert Gaschler (FernUniversität in Hagen, Germany)
   Michael Kriechbaum (FernUniversität in Hagen / University of Koblenz-Landau, Germany)
   Felix Henninger (University of Koblenz-Landau, Germany)
   Marc Jekel (University of Cologne, Germany)
   Nicolas W. Schuck (Max Planck Research Group NeuroCode / Max Planck Institute for Human Development, Berlin, Germany)
   Dorit Wenke (Private University of Applied Sciences, Göttingen / Humboldt-Universität Berlin, Germany)
   **Acquiring a covariation and controlling when to apply it**
37 Sascha Schneider (Chemnitz University of Technology, Germany)
Günter Daniel Rey (Chemnitz University of Technology, Germany)
The more options, the better we learn? The influence of choice options on learning with digital media

14:00-16:00 Session 3C: POSTER SESSION: Attention

POSTER SESSION: Attention

LOCATION: TMG 47

1 Devon Allcoat (The University of Warwick, UK)
Adrian von Muhlenen (The University of Warwick, UK)
Does the frequency of video game play affect performance in visual attention tasks?

2 Sophia von Salm (RWTH Aachen University, Germany)
Katharina Bolzüü (RWTH Aachen University, Germany)
Jochen Müsseler (RWTH Aachen University, Germany)
Seeing the World through the Eyes of an Avatar? Comparing Perspective Taking and Referential Coding.

3 Martin E. Maijer (Katholische Universität Eichstätt-Ingolstadt, Germany)
Roman Liepelet (Deutsche Sporthochschule Köln, Institut für Psychologie, Germany)
Marco Steinhauser (Katholische Universität Eichstätt-Ingolstadt, Germany)
Post-conflict and post-error adjustments in the Joint Simon task

4 Annabelle Walle (University of Konstanz, Germany)
Michel D. Druey (University of Konstanz, Germany)
Ronald Hübner (University of Konstanz, Germany)
Disentangling saliency, value association and valence of a stimulus on its ability to capture attention

5 András Matus (Institute of Behavioural Sciences, University of Pécs, Hungary)
Bence Schawcz (Institute of Psychology, University of Pécs, Hungary)
Kristóf János Topa (Institute of Psychology, University of Pécs, Hungary)
Táre Mcayar (Institute of Psychology, University of Pécs, Hungary)
Arpad Csath (Institute of Behavioural Sciences, University of Pécs, Hungary)
Perceived Duration of Cognitively Demanding Tasks: the role of Cognitive Load and Time-on-Task

6 Cemre Baykan (Ludwig Maximilian University of Munich, Germany)
Adrian Von Muhlenen (The University of Warwick, UK)
Attentional biases towards threatening stimuli in social anxiety and the role of empathy

7 Pamela Baess (University of Hildesheim, Germany)
Steve Janssen (Nottingham University Malaysia Campus, Malaysia)
Christina Bermeitinger (University of Hildesheim, Germany)
Cultural influences on spatial cognition: Evidence from egocentric and allocentric Simon Effects

8 Sven Panis (University of Kaiserslautern, Germany)
Rani Moran (University College London, UK)
Maximilian Wolkensdorfer (University of Kaiserslautern, Germany)
Thomas Schmidt (University of Kaiserslautern, Germany)
Studying the dynamics of visual search behavior using RT hazard and micro-level speed-accuracy tradeoff functions: A role for recurrent object recognition and cognitive control processes

9 Janina Balke (University of Tuebingen, Germany)
Verena Seibold (University of Tuebingen, Germany)
Temporal preparation facilitates bottom-up processes in spatial selection

10 Nadiia Makarina (University of Konstanz, Germany)
Jenna Hoffmann (University of Konstanz, Germany)
Attentional processes in multiple-cue judgments

11 Verena Seibold (University of Tübingen, Germany)
Does alertness bias attention towards salient stimuli? Evidence from stimulus-driven attentional capture

12 Christina Brei (Julius-Maximilians-Universität Würzburg, Germany)
Anne Böckler-Raettig (Julius-Maximilians-Universität Würzburg, Germany)
From eye to arrow: Influences of nonsocial and social cues on attention capture

13 Anna Conci (FernUniversität in Hagen, Germany)
Robert Gaschler (FernUniversity in Hagen, Germany)
Merim Blalic (Northumbria University, UK)
Attentional capacity in multimodal change

14 Anja Kühnel (MSB Medical School Berlin, Germany)
Meditation and Attention

15 Ulrich Pomper (University of Vienna, Faculty of Psychology, Austria)
Ulrich Ansorge (University of Vienna, Faculty of Psychology, Austria)
Impact of continuous, lateralized auditory stimulation on visual spatial attention

16 Shiau-Chuen Chiao (Neurocognition and Action Group, Center of Excellence Cognitive Interaction Technology (CITEC), Bielefeld University, Germany)
Thomas Schack (Neurocognition and Action Group, Center of Excellence Cognitive Interaction Technology (CITEC), Bielefeld University, Germany)
Integration or separation? Effects of visual attention on temporal and spatial processing of whole-body movement sequences
The experience of getting stuck in one’s own negative thoughts is extremely common and its pathological forms have been discussed as maintaining factors in several mental disorders. In this symposium, repetitive negative thoughts (RNT) is an umbrella term for negative, repetitive, and uncontrollable thoughts, images or memories that are intrusive and difficult to disengage from. Five presentations address either factors that influence RNT, such as negative appraisals, or factors that are influenced by RNT, such as positive affect. The first study investigates whether rumination – in comparison to distraction - has an imminent effect on unwanted intrusive thoughts about a car accident of a beloved person in undergraduate students. The second presentation addresses the question whether in high worriers, a positive interpretation training reduces levels of worry, compared to an active control group. The third study predicts that mode of rumination (abstract vs. concrete) and type of emotion (sadness vs. anger) have an interactive effect on affect. The fourth presentation shows that positive reappraisal training results in lower intrusion distress from negative autobiographical events than negative reappraisal training. Finally, the last presentation addresses the influence of positive memory elaboration training compared to control training on repetitive negative thoughts in daily life and concludes that positive memory elaborations are helpful in reducing RNT.

CHAIRS:
Michelle Moulds (The University of New South Wales (UNSW Sydney), UK)
Karina Wahl (University of Basel, Switzerland)

LOCATION: TG-30 Henry Thomas

16:30 Martin Mazanec (University of Basel, Switzerland)
   Carlotta V. Heinzel (University of Basel, Switzerland)
   Patrizia D. Hofer (University of Basel, Switzerland)
   Roselind Lieb (University of Basel, Switzerland)
   Karina Wahl (University of Basel, Switzerland)
   Recent findings from experimental studies on the re-occurrence of repetitive negative thoughts 1

16:50 Ya-Chun Feng (Department of Psychology, Institute of Psychiatry, Psychology and Neuroscience, King's College London, UK)
   Charlotte Krahé (School of Psychology, Institute of Psychology, Health and Society, University of Liverpool, UK)
   Frances Meeten (School of Psychology, University of Sussex, UK)
   Alexander Sumich (Division of Psychology, School of Social Sciences, Nottingham Trent University, UK)
   Colette Hirsch (Department of Psychology, Institute of Psychiatry, Psychology and Neuroscience, King's College London, UK)
   Recent findings from experimental studies on the re-occurrence of repetitive negative thoughts 2

17:10 Carlotta V. Heinzel (University of Basel, Switzerland)
   Martin Mazanec (University of Basel, Switzerland)
   Roselind Lieb (University of Basel, Switzerland)
   Karina Wahl (University of Basel, Switzerland)
   Recent findings from experimental studies on the re-occurrence of repetitive negative thoughts 3

17:30 Marcella Woud (Ruhr-Universität Bochum, Germany)
   Felix Würtz (Ruhr-Universität Bochum, Germany)
   Recent findings from experimental studies on the re-occurrence of repetitive negative thoughts 4

17:50 Michelle Moulds (The University of New South Wales (UNSW Sydney), Australia)
   Recent findings from experimental studies on the re-occurrence of repetitive negative thoughts 5
Multitasking, i.e. performing more than one task concurrently, has become an ubiquitous and inevitable aspect of our modern life. Although it might seem that we do not have any difficulties with performing temporally overlapping tasks, usually severe performance decrements emerge in these multitasking situations. In the last decades, a vast body of theories from behavioral research has explained the persistent occurrence of performance decrements in multitasking and the role of cognitive control mechanisms in dealing with these. Based on these profound conceptions, in this symposium we aim to further advance the understanding of the neural mechanisms involved in specific aspects of human multitasking, focusing on neuro-cognitive control mechanisms involved in concurrent task processing. For this purpose, a series of empirical studies employing various neuroscientific research methods will be presented. These studies cover the role of different brain regions such as the basal ganglia or the lateral prefrontal cortex for enabling multitasking performance. Furthermore, the studies address how structural as well as functional brain differences can account for individual differences in cognitive as well as cognitive-motor multitasking performance. Also, they will shed light on neuro-cognitive subprocesses that are required for multitasking, such as executive control or error-monitoring. In addition to these studies, in a concluding discussion we will integrate the findings and provide perspectives for future research.

CHAIRS: 
Christine Stelzel (International Psychoanalytic University Berlin, Germany)  
Sebastian Kübler (Humboldt-Universität zu Berlin, Germany)

LOCATION: GC1-08
16:30 Christian Beste (TU Dresden, Germany) 
**Neuro-cognitive control mechanisms in human multitasking 1**

16:50 Hannah Bohle (International Psychoanalytic University, Germany)
Gesche Schauenburg (Universität Potsdam, Germany)
Henrik Walter (Charité – Universitätsmedizin Berlin, Germany)
Urs Granacher (Universität Potsdam, Germany)
Stephan Heinzl (Freie Universität Berlin, Germany)
Michael Rapp (Universität Potsdam, Germany)
Christine Stelzel (International Psychoanalytic University, Germany)

**Neuro-cognitive control mechanisms in human multitasking 2**

17:10 Sebastian Kübler (Humboldt-Universität zu Berlin, Germany)
Alexander Soutschek (University of Zurich, Switzerland)
Tilo Strohbach (MSH Medical School Hamburg, Germany)
Torsten Schubert (Martin-Luther-Universität Halle-Wittenberg, Germany)

**Neuro-cognitive control mechanisms in human multitasking 3**

17:30 Robert Steinhauser (Catholic University of Eichstätt-Ingolstadt, Germany)
Marco Steinhauser (Catholic University of Eichstätt-Ingolstadt, Germany)

**Neuro-cognitive control mechanisms in human multitasking 4**

17:50 Andre Szameitat (Brunel University, UK)
Pauldy Otermans (Brunel University, UK)

**Neuro-cognitive control mechanisms in human multitasking 5**

16:30-19:00 Session 4C: Advances in Auditory Distraction Research (Symposium)

Advances in Auditory Distraction Research (Symposium)

It is a well-established finding that working memory processes are disrupted by distractor speech. Different theories have been proposed about the mechanisms that are responsible for the disruptive effect. The symposium will bring together researchers with divergent theoretical positions who will present novel findings about the acoustic and semantic properties that cause auditory distraction and the types of processes that are susceptible to it. The talks will broaden our knowledge about why it is so difficult to ignore irrelevant speech and provide new insights on how cognitive processing can be shielded from its detrimental effects. These advances in auditory distraction research are not least driven by methodological improvements such as rigorous power analyses, preregistered replications, Bayesian meta-analyses and precise (mathematical) formulations of hypotheses.

CHAIRS:

**Raoul Bell** (Heinrich Heine University Düsseldorf, Germany)
**Jan Philipp Röer** (Universität Witten/Herdecke, Germany)

**Symposium: Advances in auditory distraction research (Talk 1)**

16:30 Jan Philipp Röer (Witten/Herdecke University, Germany)
Raoul Bell (Heinrich Heine University Düsseldorf, Germany)
Axel Buchner (Heinrich Heine University Düsseldorf, Germany)

**Symposium: Advances in auditory distraction research (Talk 2)**

17:10 Philip Beaman (University of Reading, UK)

**Symposium: Advances in auditory distraction research (Talk 3)**

17:30 Tatiana Kvetnaya (Goethe University Frankfurt, Germany)
Kristina Schopf (University of Tübingen, Germany)
Florian Wickelmaier (University of Tübingen, Germany)

**Symposium: Advances in auditory distraction research (Talk 4)**

17:50 Florian Kattner (Technische Universität Darmstadt, University of Hamburg, Germany)
Wolfgang Eilnermeier (TU Darmstadt, Germany)

**Symposium: Advances in auditory distraction research (Talk 5)**

18:10 John E. Marsh (University of Central Lancashire, UK)
Jan Philipp Röer (Witten/Herdecke University, Germany)
Emma Threadgold (University of Central Lancashire, UK)
Linden J. Hall (University of Central Lancashire, UK)

**Symposium: Advances in auditory distraction research (Talk 6)**

18:30 Dylan Jones (Cardiff University, UK)

**Symposium: Advances in auditory distraction research (Talk 7)**
**16:30-19:00 Session 4D: Motivation and Interest (Individual Talks)**

**Motivation and Interest (Individual Talks)**

**CHAIR:**
*Andreas Eder* (University of Würzburg, Germany)

**LOCATION:** TM1-06

16:30  *Annika Boldt* (University College London, UK)  
*Sam Gilbert* (University College London, UK)  
**Confidence Guides Spontaneous Cognitive Offloading**

16:50  *Anand Krishna* (Julius-Maximilians-Universität Würzburg, Germany)  
*Andreas B. Eder* (Julius-Maximilians-Universität Würzburg, Germany)  
**From pre-training evaluations to motivational states - determinants of the effectiveness of approach-avoidance training**

17:10  *Demian Scherer* (University of Münster, Germany)  
*Annika Verkühlen* (University of Münster, Germany)  
*Stephan Dutke* (University of Münster, Germany)  
**The influence of decorative pictures on learning, interest, and metacognition**

17:30  *Valerie A. Erkens* (Justus-Liebig Universität Gießen, Germany)  
*Urs M. Nater* (Universität Wien, Austria)  
*Jan A. Häusser* (Justus-Liebig Universität Gießen, Germany)  
**Contagious Stress: Effects of Social Identification**

17:50  *Roland Pfister* (University of Würzburg, Germany)  
*Wilfried Kunde* (University of Würzburg, Germany)  
*Katharina Schwarz* (University of Würzburg, Germany)  
**Something from nothing: Agency for deliberate non-actions**

18:10  *Anja Berger* (University of Regensburg, Germany)  
*Rico Fischer* (University of Greifswald, Germany)  
*Gesine Dreisbach* (University of Regensburg, Germany)  
**Both shielding and relaxation contribute to conflict adaptation**

18:30  *Robert Schorn* (UMIT - Private University for Health Sciences, Medical Informatics and Technology, Austria)  
*Dagmar Abfalter* (mdw - University of Music and Performing Arts Vienna, Austria)  
**It’s all in the smile – the effect of reduced anthropomorphized product presentation**

**16:30-19:00 Session 4E: Conditioning (Individual Talks)**

**Conditioning (Individual Talks)**

**CHAIR:**
*Anne Gast* (University of Cologne, Germany)

**LOCATION:** TM2-02

16:30  *Anne Gast* (Universität Köln, Germany)  
*Jasmin Richter* (Universität Köln, Germany)  
*Borys Ruszpel* (Universität Köln, Germany)  
**Is There Evidence for Unaware Evaluative Conditioning in a Valence Contingency Learning Task?**

16:50  *Jasmin Richter* (University of Cologne, Germany)  
*Anne Gast* (University of Cologne, Germany)  
**Does implicit misattribution occur during evaluative conditioning?**

17:10  *Lea Sperlich* (University of Cologne, Germany)  
*Christian Unkelbach* (University of Cologne, Germany)  
**What is a pairing in Evaluative Conditioning?**

17:30  *Fabia Högden* (University of Cologne, Germany)  
*Christian Unkelbach* (University of Cologne, Germany)  
**Relational information affects Attribute Conditioning**

17:50  *Taylor Benedict* (University of Cologne, Germany)  
*Anne Gast* (University of Cologne, Germany)  
**The Influence of Aversive Unconditioned Stimuli in Evaluative Conditioning**

18:10  *Anja Leue* (University of Kiel, Germany)  
*Katharina Nieden* (University of Kiel, Germany)  
*Vera Scheuble* (University of Bonn, Germany)  
**Conflict monitoring during reinforcement learning: Individual differences of mock suspect and non-suspect differentiation**

18:30  *Maria Pankrath* (Bonn-Rhein-Sieg University of Applied Science, Germany)  
*Cristina Massen* (Bonn-Rhein-Sieg University of Applied Science, Germany)  
**Effects of goal-framing and additional information on perceived information quality, usefulness and behavioural intention in the context of energy saving tips**
Session 4F: Virtual Reality, Simulations and Games (Individual Talks)

Virtual Reality, Simulations and Games (Individual Talks)

CHAIR:  
Roberta Sellaro (Leiden University, Netherlands)

LOCATION: BPLG-02

16:30  
Roberta Sellaro (Leiden University, Netherlands)  
Bernhard Hommel (Leiden University, Netherlands)  
Virtual reality: a paradigm shift to assess cognitive and social functioning

16:50  
Angelika C. Kern (TU Darmstadt, Germany)  
Wolfgang Ellermeier (TU Darmstadt, Germany)  
Sandra Baum (TU Darmstadt, Germany)  
Aziza Khodjaeva (TU Darmstadt, Germany)  
Hatice Köbrə Özcan (TU Darmstadt, Germany)  
Are you really up there? The influence of ambient sound and simulated height on experienced 'presence' in VR exposure to high altitude

17:10  
Sarah-Maria Goerlitz (Hochschule Fresenius, University of Applied Sciences, Germany)  
Patric Schubert (Hochschule Fresenius, University of Applied Sciences, Germany)  
Christoph Dietz (Hochschule Fresenius, University of Applied Sciences, Germany)  
Johanna Möller (Hochschule Fresenius, University of Applied Sciences, Germany)  
Simone Siedler (Hochschule Fresenius, University of Applied Sciences, Germany)  
Sabine Hammer (Hochschule Fresenius, University of Applied Sciences, Germany)  
Christian T. Haas (Hochschule Fresenius, University of Applied Sciences, Germany)  
Keep your distance! Distance behavior after semi-automated truck platoon driving under real traffic conditions

17:30  
Magnus Liebherr (University of Duisburg-Essen, General Psychology: Cognition, Germany)  
Silke M. Müller (University of Duisburg-Essen, General Psychology: Cognition, Germany)  
Stephan Schweig (University of Duisburg-Essen, Department of Mechatronics, Germany)  
Niko Maas (University of Duisburg-Essen, Department of Mechatronics, Germany)  
Dieter Schramm (University of Duisburg-Essen, Department of Mechatronics, Germany)  
Matthias Brand (University of Duisburg-Essen, General Psychology: Cognition, Germany)  
Stress and Simulator Performance – On the relevance of Age and the Experience of Simulator Sickness

17:50  
Marian Sauter (Bundeswehr University Munich, Germany)  
Maximilian Stefan (Bundeswehr University Munich, Germany)  
Wolfgang Mack (Bundeswehr University Munich, Germany)  
Playing for Science! Real-time Strategy Games as a Tool to Research Human Multitasking

18:10  
Alexandra Hoffmann (Technische Universität Kaiserslautern, Germany)  
Corinna A. Faust-Christmann (Technische Universität Kaiserslautern, Germany)  
Gregor Zolynski (Technische Universität Kaiserslautern, Germany)  
Gabriele Bleser (Technische Universität Kaiserslautern, Germany)  
An experimental approach for the agile development of a gamified stress management app

Session 4G: Motor Control (Individual Talks)

Motor Control (Individual Talks)

CHAIR:  
Wilfried Kunde (Julius-Maximilians-University Wuerzburg, Germany)

LOCATION: GCG-08

16:30  
Christina Stuhr (University of Rostock, Germany)  
Tino Stöckel (University of Rostock, Germany)  
Cognitive and motor function development in early childhood

16:50  
Wilfried Kunde (Julius-Maximilians-University Wuerzburg, Germany)  
Lisa Weller (Julius-Maximilians-University Wuerzburg, Germany)  
Binding Effects in Action Plans

17:10  
Nina M. Hanning (Ludwig Maximilian University of Munich, Germany)  
Heiner Deubel (Ludwig Maximilian University of Munich, Germany)  
The actions take it all, voluntary attention standing small: Motor preparation overrides endogenous attention

17:30  
William Chapman (School of Psychological Science, University of Bristol, UK)  
Casimir Ludwig (School of Psychological Science, University of Bristol, UK)  
The effects of perceptual uncertainty in reach and grasp movements.

17:50  
Oliver Herfort (Julius-Maximilians-Universität Würzburg, Germany)  
Vladimir Kirsch (Julius-Maximilians-Universität Würzburg, Germany)  
Wilfried Kunde (Julius-Maximilians-Universität Würzburg, Germany)  
Grasp Planning for Object Manipulation without Simulation of the Object Manipulation Action

18:10  
Aaron C. Zoeller (Justus-Liebig-Universität Gießen, Germany)  
Knut Drewing (Justus-Liebig-Universität Gießen, Germany)  
Explicit Prior Information Interferes with Implicit Tuning of Haptic Softness Exploration

18:30  
Thomas Camus (Department of Psychology, Julius-Maximilians-Universität Würzburg, Germany)  
Lionel Brunel (Epsylon Laboratory, Paul Valéry University-Montpellier 3, Montpellier, France, France)  
Assessing the integration of motor related components in Stimulus-Response Compatibility effects
19:15-21:00 Session 5: DGPS Open and Public Meeting of the Cognitive Section

DGPS Open and Public Meeting of the Cognitive Section

CHAIR: Dirk Wentura (Saarland University, Germany)
LOCATION: TG-30 Henry Thomas

21:00-23:30 TEAP 2019 CONFERENCE PARTY

TEAP 2019 CONFERENCE PARTY
LOCATION: TR1-04 Great Hall

OVERVIEW
Tuesday, April 16th

09:00-11:00
Session 6A
Cognitive Processes in Categorization Decisions (Symposium)
TG-30 Henry Thomas

09:00-11:00
Session 6B
Experimental Aesthetics 1 (Symposium)
GC1-08

09:00-11:00
Session 6C
Cognitive Modeling in Experimental Psychology (Symposium)
TMG-58

09:00-11:00
Session 6D
Learning (Individual Talks)
TM2-02

09:00-11:00
Session 6E
Social Psychology (Individual Talks)
TM1-06

09:00-11:00
Session 6F
Decision-Making 2 (Individual Talks)
GCG-08

11:30-13:00
KEYNOTE SPEAKER
Prof Jutta Mueller, Universität Osnabrück
‘Ontogenetic and phylogenetic roots of grammar learning’
TR1-04 Great Hall

13:00-14:00
Session
Free EYELINK Bring-Your-Lunch Workshop
(36 places, please register with kurt@sr-research.com)
TM3-01

13:00-14:00
Session
Free Berisoft Bring-Your-Lunch Workshop: Designing an Experiment in Cognition Lab
(30 places, please register with joerg.beringer@berisoft.com)
TM3-02

14:00-16:00
Session 8A
POSTER SESSION: Decisions and Cognitive Control
BPLG-01
Tuesday, April 16th PRESENTATIONS

09:00-11:00 Session 6A: Cognitive Processes in Categorization Decisions (Symposium)

Cognitive Processes in Categorization Decisions (Symposium)
A growing theoretical diversity makes it increasingly difficult to meet the demands upon testing and interpreting theoretical assumptions on how people acquire knowledge about categories that form the basis for making decisions. To clarify the assumed processes requires testing the behavioural predictions of category learning models. At the same time, it is crucial to test basic assumptions on the underlying cognitive processes, for instance, on the role of similarity-based generalization in category representations, or the distribution of attention during recall of category instances. The symposium congregates researchers presenting their recent advances in modelling and measuring the cognitive processes underlying category learning and decision making. A collection of six talks will provide insights and possible solutions through rigorous experimental designs, cognitive computational modelling and process tracing (eye-tracking). 1) Speekenbrink shows how outcome uncertainty in experience-based decisions guides the generalization and transfer of prior beliefs in exploration tasks. 2) Hoffman presents a learning model that integrates knowledge abstraction with retrieval from memory to predict judgment accuracy and familiarity-based choices. 3) Schlegelmilch will introduce a novel category learning model, which provides a powerful alternative to classical (problem-specific) approaches. 4) Wills presents an open collaboration project making statistical tools accessible for concurrent model analyses, simulations, and hypotheses testing. 5) Rosner will show how eye-tracking methods can be used to test cognitive processes underlying memory-based categorization decisions. 6) The last talk by Pothos brings together both eye-tracking and cognitive modelling to describe information search during categorisation decision making.

CHAIRS: Agnes Rosner & René Schlegelmilch (University of Zurich, Switzerland)

LOCATION: TG-30 Henry Thomas

09:00 Maarten Speekenbrink (University College London, UK)
Cognitive Processes in Categorization Decisions 1

09:20 Janina Hoffmann (University of Konstanz, Germany)
Rebecca Albrecht (University of Basel, Switzerland)
Bettina von Helversen (University of Switzerland, Switzerland)
Cognitive Processes in Categorization Decisions 2

09:40 René Schlegelmilch (University of Zurich, Switzerland)
Andy J. Wills (Plymouth University, UK)
Bettina von Helversen (University of Zurich, Switzerland)
Cognitive Processes in Categorization Decisions 3

10:00 Andy Wills (Plymouth University, UK)
Cognitive Processes in Categorization Decisions 4

10:20 Agnes Rosner (University of Zurich, Switzerland)
Bettina von Helversen (University of Zurich, Switzerland)
Cognitive Processes in Categorization Decisions 5

10:40 Emmanuel Pothos (City, University of London, UK)
Agnes Rosner (University of Zurich, Germany)
Irina Basieva (City, University of London, UK)
Barque-Duran (City, University of London, UK)
Gloeckner (Max Planck Institute for Collective Goods, UK)
von Helversen (University of Zurich, Switzerland)
Khrennikov (University of Linnaeus, Sweden)
Cognitive Processes in Categorization Decisions 6
Experimental Aesthetics is the second-oldest branch of Experimental Psychology. Subsequent to his Psychophysics, Gustav Theodor Fechner established the empirical, experimental study of aesthetics "from below", using empirical building blocks. Firmly grounded in the psychophysical and cognitive paradigms, the field continues to thrive. Our symposium convenes contributions investigating aesthetic domains ranging from dance, literature, music, visual arts, and more. Researchers engage in the quest for elucidating domain-general as well as highly domain-specific mental processing architecture.

CHAIR: Thomas Jacobsen (Helmut Schmidt University / University of the Federal Armed Forces Hamburg, Germany)

LOCATION: GC1-08

09:00-11:00 Session 6B: Experimental Aesthetics 1 (Symposium)

Experimental Aesthetics is the second-oldest branch of Experimental Psychology. Subsequent to his Psychophysics, Gustav Theodor Fechner established the empirical, experimental study of aesthetics "from below", using empirical building blocks. Firmly grounded in the psychophysical and cognitive paradigms, the field continues to thrive. Our symposium convenes contributions investigating aesthetic domains ranging from dance, literature, music, visual arts, and more. Researchers engage in the quest for elucidating domain-general as well as highly domain-specific mental processing architecture.

CHAIR: Thomas Jacobsen (Helmut Schmidt University / University of the Federal Armed Forces Hamburg, Germany)

LOCATION: GC1-08

09:00 Marcos Nadal (University of the Balearic Islands, Spain)
Sun Xiaopei (University of the Balearic Islands, Spain)
Jiata Xe (University of the Balearic Islands, Spain)
Erick G Chuquichambi (University of the Balearic Islands, Spain)

Executive processes in the aesthetic appreciation of paintings

09:20 Chris McManus (University College London, UK)

Cross-cultural effects in aesthetics?

09:40 Leticia Palumbo (Liverpool Hope University, UK)
Marco Bertamini (University of Liverpool, UK)

The multidimensional nature of the preference for smooth curvature

10:00 Winfried Menninghaus (Max Planck Institute of Empirical Aesthetics, Germany)

Poetic speech melody

10:20 Beatriz Calvo-Merino (City University, UK)

The Aesthetic Homunculus: embodiment and expertise effects in aesthetics judgments

10:40 Marco Bertamini (University of Liverpool, UK)
Giulia Rampone (University of Liverpool, UK)
Alexis D.J. Makin (University of Liverpool, UK)

Do people like what the brain likes?

Cognitive Modeling provides a powerful methodological tool in various domains of experimental psychology (e.g., memory, categorization, judgment and decision making). Despite its long tradition in psychology (e.g., Estes, 1950), it has become a more widespread approach only recently (e.g., Farrell & Lewandowsky, 2018; Busemeyer & Diederich, 2009; Lee & Wagenmakers, 2013). Recent technical advances (e.g., Bayesian estimation approaches, hierarchical modeling) and novel software tools have facilitated the application of cognitive modeling and enable an increasingly large number of researcher to incorporate cognitive modeling into their methodological arsenal. This symposium features recent applications of cognitive modeling in experimental psychology and has three goals. First, it will be shown how cognitive modeling can help disentangle and measure latent psychological processes that are not readily visible in observed data (e.g., learning processes, evaluation, memory and response processes). Second, the symposium demonstrates how formal models enable one to derive precise quantitative predictions of extant theoretical ideas that can then be compared to each other based on empirical data (e.g., heuristics vs. optimal models), and how the theoretical constructs of different models can be related to each other. The third goal of the symposium is to present and discuss novel methodological developments of cognitive modeling (implementation in meta-analysis, testing the robustness across estimation methods). The symposium will bring together researchers from various research groups in Europe, reflecting the increasing popularity and usefulness of cognitive modeling in experimental psychology.

CHAIRS: Thorsten Pachur (Max Planck Institute for Human Development, Germany)
Henrik Singmann (The University of Warwick, UK)

LOCATION: TMG-58

09:00-11:00 Session 6C: Cognitive Modeling in Experimental Psychology (Symposium)

Cognitive Modeling in Experimental Psychology 1

Beatrice G. Kuhlmann (University of Mannheim, Germany)
Julia Groß (University of Mannheim, Germany)
Marius Barth (University of Mannheim, Germany)
Daniel W. Heck (University of Mannheim, Germany)

Cognitive Modeling in experimental psychology 2

10:00 Jörg Rieskamp (University of Basel, Switzerland)
Thorsten Pachur (Max Planck Institute for Human Development, Germany)
Veronika Zilker (Max Planck Institute for Human Development, Germany)

Cognitive Modeling in Experimental Psychology 3

10:20 Julia Groß (University of Mannheim, Germany)
Thorsten Pachur (Max Planck Institute for Human Development, Berlin, Germany)

Cognitive Modeling in Experimental Psychology 4

10:40 Henrik Singmann (The University of Warwick, UK)
Daniel W. Heck (University of Mannheim, Germany)
Marius Barth (Universität zu Köln, Germany)
Julia Groß (University of Mannheim, Germany)
Beatrice G. Kuhlmann (University of Mannheim, Germany)

Cognitive Modeling in Experimental Psychology 5

11:00 Peter Shepherdson (University of Akureyri, Iceland)

Cognitive Modeling in Experimental Psychology 6

11:20 Hans D. Ecker (University of Mannheim, Germany)
Thorsten Pachur (Max Planck Institute for Human Development, Berlin, Germany)
09:00-11:00 Session 6D: Learning (Individual Talks)

Learning (Individual Talks)

CHAIR:
Dejan Draschkow (University of Oxford, UK)

LOCATION: TM2-02

09:00 Dejan Draschkow (Department of Psychiatry, University of Oxford, UK)
Melissa Vo (Department of Psychology, Goethe University Frankfurt, Germany)
Incidental learning during natural tasks creates reliable long-term memory representations which proactively guide behavior

09:20 Joshua Lorenzen (Kiel University, Germany)
Christian Kaernbach (Kiel University, Germany)
Implicit Learning of an Artificial Musical Structure on Stable vs Unstable Pitch Scales

09:40 Svenja Heitmann (Ruhr-Universit"at, Germany)
Axel Grund (Bielefeld, Germany)
Kirsten Berthold (University of Bielefeld, Germany)
Stefan Fries (Bielefeld, Germany)
Julian Roelle (Ruhr-Universit"at, Germany)
Adaptive Quizzing Further Increases Learning Outcomes

10:00 Harald Ewolds (University of Augsburg, Germany)
Laura Broecker (German Sport University Cologne, Germany)
Markus Raab (German Sport University Cologne, London South Bank University, Germany)
Rita de Oliveira (London South Bank University, UK)
Stefan K"unzell (University of Augsburg, Germany)
Dual-task performance and motor learning with predictable tasks

10:20 Diana Vogel (TU Dresden, Germany)
Markus Jancyk (Universit"at T"ubingen, Germany)
Stefan Scherbaum (TU Dresden, Germany)
The Impact of Verbal Instruction and Task Features on the Expression of Ideomotor Effect Anticipations

10:40 Eva Riechelmann (Julius-Maximilians-Universit"at W"urzburg, Germany)
Lisa Weller (Julius-Maximilians-Universit"at W"urzburg, Germany)
Lynn Huestegge (Julius-Maximilians-Universit"at W"urzburg, Germany)
Anne B"ockler (Julius-Maximilians-Universit"at W"urzburg, Germany)
Roland Pfister (Julius-Maximilians-Universit"at W"urzburg, Germany)
Revisiting intersubjective action-effect binding: No evidence for social moderators

10:00 Momme von Sydow (Ludwig-Maximilians-Universit"at M"unchen, Germany)
Niels Braus (Uni Heidelberg, Germany)
Ulrike Hahn (Birkbeck College, University of London, Department of Psychological Science, UK)
Thinking Locally or Globally? – Trying to Overcome the Tragedy of Personnel Evaluation

09:20 Klaus Harnack (WOP - Westf"alische Wilhelms-Universit"at M"unster, Germany)
Julian Voigt (WOP - Westf"alische Wilhelms-Universit"at M"unster, Germany)
Alba Moya-Gardifano (University of Granada, Spain)
Miguel Moya (University of Granada, Spain)
Influence of the comparative context on meta-stereotyping

09:40 Lars K"onig (University of M"unster, Germany)
Regina Jucks (University of M"unster, Germany)
Developing Trust in Virtual Learning Environments: It’s a Matter of Language Style

10:00 Karolin Salmen (Heidelberg University, Germany)
Maarten Speekenbrink (University College London, UK)
Ulrike Hahn (Birkbeck, University of London, UK)
Individual Belief Updating Depends on the Distance to Other Estimates and Being an Outlier to Different Social Groups

10:40 Isabelle Freiling (University of M"unster, Germany)
Lars K"onig (University of M"unster, Germany)
Could You Repeat That? Replicating the “Good Sound Good Research” Effect
09:00-11:00 Session 6F: Decision-Making 2 (Individual Talks)

Decision-Making 2 (Individual Talks)

CHAIR:
Rita Silva (University of Cologne, Germany)
LOCATION: GCG-08

09:00 Rita Silva (University of Cologne, Germany) Fluency Specificity: Fluency effects are subject to a match between the source of fluency and the judgment dimension

09:20 Victoria Striewe (University of Cologne, Germany) Sascha Topolinski (University of Cologne, Germany) The Sequence of Standard and Target in Social and Economic Comparisons

09:40 Matthew Stephensen (UiT - The Arctic University of Norway, Norway) Torsten Martiny-Huenger (UiT - The Arctic University of Norway, Norway) How the Attractiveness of a Stimulus Influences Risk Judgements

10:00 Christin Schulze (Max Planck Institute for Human Development, Germany) Wolfgang Gaissmaier (University of Konstanz, Germany) Ben R. Newell (The University of New South Wales, Australia) Maximizing as satisficing: On pattern matching and probability maximizing in groups and individuals

10:20 Anna Thoma (Max Planck Institute for Human Development, Germany) Christin Schulze (Max Planck Institute for Human Development, Germany) Dries Trippas (Max Planck Institute for Human Development, Germany) Ralf Kurvers (Max Planck Institute for Human Development, Germany) Thorsten Pachur (Max Planck Institute for Human Development, Germany) When Actions Do Not Speak Louder Than Words: A Multi-Method Approach to Dyadic Multiple-Cue Inference

10:40 Sebastian Olschewski (University of Basel, Switzerland) Jörg Rieskamp (University of Basel, Switzerland) The effect of time pressure and gamble complexity on risky choice

Keynote Speaker

11:30-13:00

Prof Jutta Mueller, Universität Osnabrück ‘Ontogenetic and phylogenetic roots of grammar learning’

CHAIR:
Chris Lange-Kuettner (London Metropolitan University, UK)
LOCATION: TR1-04 Great Hall

Roding Building

13:00-14:00 Free EYELINK Bring-Your-Lunch Workshop (36 places, please register with kurt@sr-research.com)

Free EYELINK Lunch Workshop (36 places, please register with kurt@sr-research.com)
LOCATION: TM3-01

13:00-14:00 Free Berisoft Bring-Your-Lunch Workshop: Designing an Experiment in Cognition Lab (30 places, please register with joerg.beringer@berisoft.com)

Free Berisoft Lunch Workshop: Designing an Experiment in Cognition Lab (30 places, please register with joerg.beringer@berisoft.com)
LOCATION: TM3-02
POSTER SESSION: Decisions and Cognitive Control

LOCATION: BPLG-01

1. Nina Brück (Johannes Gutenberg-Universität Mainz, Germany)
   Morality within children’s sibling relationships and friendships

2. Ronja M. J. Boege (Bielefeld, Germany)
   Ilka Krogmeier (Bielefeld, Germany)
   Roman Linne (Bielefeld, Germany)
   Tina Glaser (Pädagogische Hochschule Karlsruhe, Germany)
   Gerd Bohner (Bielefeld, Germany)
   Immediate displacement, delayed generalization: Testing the lateral attitude change model

3. Linda McCaughey (Heidelberg University, Germany)
   Johannes Prager (Heidelberg University, Germany)
   Klaus Fiedler (Heidelberg University, Germany)
   Rivals rebooted - what we learn from others in speed-accuracy trade-offs

4. Tiasa Omerzu (University of Konstanz, Germany)
   Janina Hoffmann (University of Konstanz, Germany)
   How does learning new information affect judgment policies?

5. Roman Linne (Bielefeld, Germany)
   Tina Glaser (Pädagogische Hochschule Karlsruhe, Germany)
   Gerd Bohner (Bielefeld, Germany)
   Lateral attitude change as a mechanism of populist influence

6. Scarlett Kobs (University of Potsdam, Germany)
   Michel Kniqne (University of Potsdam, Germany)
   Reinhold Kliegl (University of Potsdam, Germany)
   The influence of situational factors on the perceived fairness of school interactions

7. Linda Onnasch (Humboldt-Universität zu Berlin, Germany)
   Seulji Chung (Humboldt-Universität zu Berlin, Germany)
   Anthropomorphizing Robots: The Effect of Framing in Human-Robot Cooperation

8. Corinna Lorenz (Saarland University, Germany)
   Jutta Kray (Saarland University, Germany)
   The role of individual differences in risk-taking across adolescence: How impulsivity and empathy could tell us more than age

9. Zahra Khosrowtaj (University of Marburg, Germany)
    Philipp Süssenbach (Fachhochschule des Mittelstands, Germany)
    Sarah Teige-Mocigemba (University of Marburg, Germany)
    Does your name reveal your blame? On the effect of the perpetrator’s ethnicity, negative attitudes against Muslims, and rape myth acceptance on judgments of a rape case

10. Barbara Kreis (Saarland University, Department of Psychology, Germany)
    Corinna Lorenz (Saarland University, Department of Psychology, Germany)
    Jutta Kray (Saarland University, Department of Psychology, Germany)
    Dismantling decision-making under known risk in adolescence – On the influence of incentive valence, expected value and cognitive abilities

11. Ramona Allstadt Torras (University of Hagen, Germany)
    Angela Dorrrough (University of Cologne, Germany)
    Andreas Glöckner (University of Cologne, Germany)
    Stereotype-based employment discrimination of people with mental vs. physical disorders

12. Madita Frickhoeffer (University of Dusseldorf, Germany)
    Johan Musch (University of Dusseldorf, Germany)
    Honesty contracts: A simple method to elicit truthful answers to embarrassing questions

13. Silke M. Mueller (University of Duisburg-Essen, Germany)
    Heike Averbeck (University of Duisburg-Essen, Germany)
    Elisa Wegermann (University of Duisburg-Essen, Germany)
    Matthias Brand (University of Duisburg-Essen, Germany)
    Dual-tasking in risky decision making: Do parallel auditory working memory demands affect choice performance in complex situations?

14. Martha Michalkiewicz (Heinrich-Heine-Universitaet Dusseldorf, Germany)
    Olga Rashidi (Heinrich-Heine-Universitaet Dusseldorf, Germany)
    In search of homo heuristicus: Do users of the recognition heuristic also employ the fluency heuristic?

15. Saskia Heijnen (Leiden University, Netherlands)
    Roberta Sellaro (Leiden University, Netherlands)
    Bernhard Hommel (Leiden University, Netherlands)
    Cross-cultural differences in metacontrol policies: Evidence from task-switching

16. Elisa Straub (Institute for Psychology, Germany)
    Andrea Kiesel (Institute for Psychology, Germany)
    David Dignath (Institute for Psychology, Germany)
    Cognitive Control of Emotional Distraction – valence-specific or general?

17. Birte Moeller (University of Trier, Germany)
    Christian Frings (University of Trier, Germany)
    Hierarchical bindings in action control

18. Julia Kozlok (University of Greifswald, Germany)
    Rico Fischer (University of Greifswald, Germany)
    A smile as a conflict: Affective mismatch between emotional expressions and group membership induces conflict and triggers cognitive control

19. Devu Mahesan (University of Greifswald, Germany)
    Markus Janczyk (University of Tübingen, Germany)
    Rico Fischer (University of Greifswald, Germany)
    Contextual modulation of motor-based between-task interference in dual tasking
Victoria K. E. Bart (UMIT, Austria)
Erdenechimeg Sharavdorj (National University of Mongolia, Mongolia)
Khishignyam Bazarvaani (National University of Mongolia, Mongolia)
Teasbhuyan Munkhbat (School of Economics and Statistics, Guangzhou University, China)
Donit Weneke (PFH – Private University for Applied Science, Germany)
Martina Rieger (UMIT, Austria)

Cultures differ in their use of sense of agency cues

Angela Bair (UMIT - University of Health Sciences Medical Informatics and Technology, Austria)
Alexandra Hoffmann (UMIT - University of Health Sciences Medical Informatics and Technology, Austria)
Casandra I. Montoro (UMIT - University of Health Sciences Medical Informatics and Technology, Austria)
Stefan Duschek (UMIT - University of Health Sciences Medical Informatics and Technology, Austria)

Cerebral Blood Flow Modulations During Proactive Control in Chronical Low Blood Pressure

Tilo Strobach (Medical School Hamburg, Germany)
Sebastian Kübler (Humboldt-Universität zu Berlin, Germany)
Torsten Schubert (Martin-Luther-Universität Halle-Wittenberg, Germany)

A Gratton-like effect concerning task order in dual-task situations

Irina Monno (Albert-Ludwigs-University, Freiburg, Germany)
Victor Mittelstädt (Albert-Ludwigs-University, Freiburg, Germany)
Andrea Kiesel (Albert-Ludwigs-University, Freiburg, Germany)

Optimization criteria of self-organized task switching: tradeoff between waiting costs and switch costs in multitasking

Magnus Liebher (University Duisburg-Essen, Germany)
Stephanie Antonius (University Duisburg-Essen, Germany)
Lena Kölimel (University Duisburg-Essen, Germany)
Matthias Brand (University Duisburg-Essen, Germany)

Switching Attentional Demands - On the relevance of impulsivity, working memory, and basic attentional functions

Marton Kovacs (Eotvos Lorand University, Hungary)
Attila Szuts (Eotvos Lorand University, Hungary)
Tom Hardwicke (Stanford University, United States)
Roel Hoekstra (University of Groningen, Netherlands)
Balazs Aczel (Eotvos Lorand University, Hungary)

Exploring Psychological Researchers’ Data Management Mistakes

Felicitas V. Muth (Julius-Maximilians University Würzburg, Germany)
Lisa Weller (Julius-Maximilians University Würzburg, Germany)
Wilfried Kunde (Julius-Maximilians University Würzburg, Germany)

Temporal Binding in Multistep Action-Event Sequences

Elisa Wegmann (Center for Behavioral Addiction Research (CeBAR), University of Duisburg-Essen, Germany)
Sina Ostendorf (Center for Behavioral Addiction Research (CeBAR), University of Duisburg-Essen, Germany)
Matthias Brand (Center for Behavioral Addiction Research (CeBAR), University of Duisburg-Essen, Germany)

Performing a secondary executive task with addiction-related stimuli is associated with an addictive use of social media applications

Vanessa Jurczyk (University of Regensburg, Germany)
Kerstin Fröber (University of Regensburg, Germany)
Gesine Dreisbach (University of Regensburg, Germany)

Does the subjective cost of effort determine the choice between tasks of unequal difficulty?

Katrina Sabah (Regensburg University, Germany)
Thomas Dolk (Regensburg University, Germany)
Nachshon Meiran (Ben Gurion University of the Negev, Israel)
Gesine Dreisbach (Regensburg University, Germany)

Power to the Learner? Examining Learners’ Control in Short Term Task Switching Training

14:00-16:00 Session 8B: POSTER SESSION: Eyetracking and Neuroscience

POSTER SESSION: Eyetracking and Neuroscience

LOCATION: TMG 45

1 Lars-Michael Schöpper (University of Trier, Germany)
   Markus Lappe (University of Münster, Germany)
   Christian Frings (University of Trier, Germany)
   No distractor–response binding in a saccadic discrimination task

2 Benjamin Ernst (Catholic University of Eichstätt-Ingolstadt, Germany)
   Marco Steinhauser (Catholic University of Eichstätt-Ingolstadt, Germany)
   Time dilation during the preparation of difficult tasks is caused by the increased release of norepinephrine as indicated by pupil dilation and P3b amplitude

3 Christian Büsel (University of Vienna, Austria)
   Thomas Drive (University of Vienna, Austria)
   Lukas Muttenhalter (University of Vienna, Austria)
   Ulrich Anseroge (University of Vienna, Austria)
   A Novel Test of Irrelevance Induced Blindness
An experimental approach to investigating visual complexity using eye tracking

A new view on complex span tasks. Using eye tracking to reveal the influence of memory load on eye movements.

Judging the plausibility of informal arguments: An eye-tracking approach to identify different processing strategies during reading

Blinking is linked to motor but not to cognitive aspects of a conversation

Pupil dilation signals perceptual switches in auditory multitask stability

Evaluation of assessment strategies for pilots with particular focus on incorporating non-cognitive aptitudes

Gaze Transfer: Examining Characteristics of Gaze Visualisation Methods

What time is the future?: Temporal expectancy violations affect anticipatory saccades towards future action consequences

Cerebral Blood Flow Modulations during Precued Antisaccades in Chronic low Blood Pressure

Behavioral and Neural Correlates of Cognitive-Motor Interference during Multitasking in Young and Old Adults

Neural Error Processing in a Multiframe Visual Search Paradigm With Covert Multitasking in Young and Old Adults

What time’s the future?: Temporal expectancy violations affect anticipatory saccades towards future action consequences

Cerebral Blood Flow Modulations during Precued Antisaccades in Chronic low Blood Pressure

Behavioral and Neural Correlates of Cognitive-Motor Interference during Multitasking in Young and Old Adults

Neural Error Processing in a Multiframe Visual Search Paradigm With Covert Multitasking in Young and Old Adults
The cerebellum in motor-cognitive dual-tasks: Evidence from a patient cohort

Neural evidence for the accumulation of task-specific error signals in dual-tasking

The neural fate of unseen emotional faces. An attentional blink fMRI-study

EEG evidence for improved visual working memory performance during standing and exercise

Uni- versus crossmodal redundancy gains in pop-out search: Insights from event-related EEG lateralizations

Affective processing during action monitoring: Results from emotional priming, neural error signals, and autonomic reactivity

On the role of retrieval processes in the survival processing effect: Evidence from ROC and ERP analyses
31 Theresa Halder (Klinische Neuropsychologie LMU München, Germany)
  Karin Ludwig (Klinische Neuropsychologie LMU München, Germany)
  Thomas Schenk (Klinische Neuropsychologie LMU München, Germany)
  Binocular rivalry in congenital prosopagnosia

32 Michael Weigl (Saarland University, Germany)
  Ronja Thiel (Saarland University, Germany)
  Timm Rosburg (University Psychiatric Clinics Basel, Switzerland)
  Axel Mecklinger (Saarland University, Germany)
  A comparison between distinctiveness and accentuation in the illusory correlation paradigm: An event-related potential study

33 Gergely Darnai (University of Pécs, Hungary)
  Orsolya Inhő (University of Pécs, Hungary)
  András Zsido (University of Pécs, Hungary)
  Nikolett Arató (University of Pécs, Hungary)
  Beatriz Labadí (University of Pécs, Hungary)
  Gábor Perlaki (University of Pécs, Hungary)
  József Janszky (University of Pécs, Hungary)
  Timea Budai (University of Pécs, Hungary)
  Language networks and internet addiction: fMRI study

34 Jakob Kaiser (Ludwig Maximilian University of Munich, Germany)
  Simone Schütz-Bosbach (Ludwig Maximilian University of Munich, Germany)
  The role of midfrontal theta oscillations in proactive cognitive control adjustments

35 Louisa Kulke (Georg-August University Göttingen, Germany)
  Annekathrin Schacht (Georg-August University Göttingen, Germany)
  Late but not early Event-Related Potentials reflect emotion modulations during overt attention shifts

36 Benjamin de Haas (Justus-Liebig-Universitaet Giessen, Germany, Germany)
  ‘Where’ in the ventral stream – a common gradient of spatial and face-part selectivity in the inferior occipital gyrus

37 Marcel Harpaintner (Ulm University, Germany)
  Eun-Jin Sim (Ulm University, Germany)
  Natalie Trump (Ulm University, Germany)
  Markus Kiefer (Ulm University, Germany)
  The grounding of abstract concepts in the visual and motor system: an fMRI study

38 Alba Garrido (Mind, Brain, and Behavior Research Center (CIMCYC), University of Granada, Spain)
  Stefan Duschek (UMIT - University of Health Sciences Medical Informatics and Technology, Hall in Tirol, Austria, Austria)
  Francisco Esteves (Mid Sweden University, Östersund, Sweden, Sweden)
  Jaime Vila (Mind, Brain, and Behavior Research Center (CIMCYC), University of Granada, Granada, Spain, Spain)
  José Luis Mata (Mind, Brain, and Behavior Research Center (CIMCYC), University of Granada, Granada, Spain, Spain)
  Autonomic contributions in the cardiac defense response during an external attentional task

39 Orsolya Inhő (University of Pécs, Hungary)
  Szabolcs Ajtony Bandi (University of Pécs, Hungary)
  András Norbert Zsido (University of Pécs, Hungary)
  Nikolett Arató (University of Pécs, Hungary)
  Beatriz Labadí (University of Pécs, Hungary)
  Gábor Perlaki (University of Pécs, Hungary)
  Gergely Orsi (University of Pécs, Hungary)
  Timea Budai (University of Pécs, Hungary)
  József Janszky (University of Pécs, Hungary)
  Anxiety and language network: independent component analysis
6 Franziska Rück (University of Tuebingen, Germany)  
   Carolin Dudschig (University of Tuebingen, Germany)  
   Ian G. Mackenzie (University of Tuebingen, Germany)  
   Hartmut Leuthold (University of Tuebingen, Germany)  
   Barbara Kaup (University of Tuebingen, Germany)  
   Processing true and false negative sentences in contexts controlled for lexical associations

7 Elena Albu (University of Tuebingen, Germany)  
   Not Known: Anonymous, Unknown or Non-known? Remarks on the Interpretation of Negated Absolute Adjectives in Romanian

8 Anke Huckauf (Ulm University, Germany)  
   Tatjana Nazir (CNRS, France)  
   Naming swear words: A comparison of L1 and L2

9 Christina Kraut (UMIT the health & life science university, Austria)  
   Julia Bahnmüller (IWM Leibniz-Institut für Wissensmedien, Germany)  
   Silvia Popescu (UMIT the health & life science university, Austria)  
   Bilingual Education – A benefit for non-native speaker?

10 Marietta Sionti (Bielefeld, Germany)  
   Thomas Schack (Bielefeld, Germany)  
   Kinematic features of Aktionsart

11 Emanuel Schütt (University of Tübingen, Germany)  
   Eduard Berndt (University of Tübingen, Germany)  
   Guo Yu (University of Tübingen, Germany)  
   Barbara Kaup (University of Tübingen, Germany)  
   Testing an online paradigm for investigating the automatic activation of location information during word processing

12 Sabrina Defren (Cognitive and Developmental Psychology & Center for Cognitive Science, Technische Universität Kaiserslautern, Germany)  
   Patricia B.C. Wesseling (Cognitive and Developmental Psychology & Center for Cognitive Science, Technische Universität Kaiserslautern, Germany)  
   Shanley Allen (Psycholinguistics and Language Development, Technische Universität Kaiserslautern, Germany)  
   Boaz Ben-David (Communication, Aging and Neuropsychology Lab (CAN lab), The Interdisciplinary Center (IDC), Israel)  
   Vered Shakuf (Communication, Aging and Neuropsychology Lab (CAN lab), The Interdisciplinary Center (IDC), Israel)  
   Thomas Lachmann (Cognitive and Developmental Psychology & Center for Cognitive Science, Technische Universität Kaiserslautern, Germany)  
   The impact of prosody and semantics in emotional speech: A set of German neutral and emotionally affective sentences

13 Andreas Wortgen (University of Würzburg, Germany)  
   Tobias Richter (University of Würzburg, Germany)  
   Effects of text-belief and source-message consistency on the validation of textual information

14 Alexander Blunk (TU Dresden, Germany)  
   Rica Bönsel (TU Dresden, Germany)  
   Romy Müller (TU Dresden, Germany)  
   Understanding Question Intent in Dialogue Systems: The Impact of Explanations and Clarifications on User Behavior and Confidence

15 Fritz Günther (University of Milano-Bicocca, Italy)  
   Marco Marelli (University of Milano-Bicocca, Italy)  
   Jens Bölte (University of Münster, Germany)  
   A large dataset of semantic transparency measures for German compounds

16 Rebecca Weil (University of Hull, UK)  
   Liad Mudrik (Tel Aviv University, Israel)  
   When congruency matters more than validity: Sentence-content congruent primes facilitate validation

16:30-18:00 POSTER AWARD SESSION

POSTER AWARD SESSION

CHAIRS:  
Andreas Eder (University of Würzburg, Germany)  
Carina Giesen (Friedrich Schiller University Jena, Germany)  
LOCATION: TMG 47
16:30-19:00 Session 9A: Rethinking Source Memory and Guessing: General Mechanisms and Determinants (Symposium) (click to edit)

Rethinking Source Memory and Guessing: General Mechanisms and Determinants (Symposium)

In our everyday life, remembering the source, that is the origin of an information (e.g., who told me about the new medicine? Where did I read the latest news?), can be critical for judgement formation, and thus behavior. Source monitoring encompasses all cognitive processes that are at play whenever people attribute information to its origin including source memory (i.e., actually remembering the source of an information) and source guessing (i.e., making an educated guess in the absence of memory). Both processes can have far-reaching consequences, for example for assessing the reliability of eyewitness testimony or, more generally, for evaluating the credibility of received information. Acknowledging the importance of source memory and guessing, this symposium will specifically focus on underlying mechanisms and important influencing factors of both processes using a joint theoretical framework and mathematical modelling to disentangle memory and guessing processes. In particular, the symposium will first cover the underlying components and mechanisms of source memory and guessing, respectively. Following this, new insights from metamemory research will be provided. Finally, we will focus on the ecological relevance of source memory, with reference to its social adaptivity and behavioral consequences. Based on multinomial model analyses, experimental evidence from these multifaceted aspects of source monitoring will be presented and brought up for discussion.

CHAIRS:  
Nikoletta Symeonidou (University of Mannheim, Germany)  
Liliane Wulff (University of Mannheim, Germany)

LOCATION: TG-30 Henry Thomas

16:30  
Nikoletta Symeonidou (University of Mannheim, Germany)  
Beatrice G. Kuhlmann (University of Mannheim, Germany)  
Rethinking Source Memory and Guessing: General Mechanisms and Determinants (2)

16:50  
Liliane Wulff (University of Mannheim, Germany)  
Beatrice G. Kuhlmann (University of Mannheim, Germany)  
Rethinking Source Memory and Guessing: General Mechanisms and Determinants (3)

17:10  
Marie Luisa Schaper (Heinrich-Heine-Universität, Germany)  
Beatrice G. Kuhlmann (Mannheim University, Germany)  
Ute J. Bayer (Heinrich-Heine-Universität, Germany)  
Rethinking Source Memory and Guessing: General Mechanisms and Determinants (4)

17:30  
Laura Mieth (Heinrich-Heine Universität Düsseldorf, Germany)  
Jan Philipp Röer (Heinrich-Heine-Universität Witten-Herdecke, Germany)  
Axel Buchner (Heinrich-Heine Universität Düsseldorf, Germany)  
Razul Bell (Heinrich-Heine Universität Düsseldorf, Germany)  
Rethinking Source Memory and Guessing: General Mechanisms and Determinants (5)

17:50  
Meike Kroneisen (Universität Koblenz-Landau, Germany)  
Rethinking Source Memory and Guessing: General Mechanisms and Determinants (6)

16:30-19:00 Session 9B: Experimental Aesthetics 2 (Symposium)

Experimental Aesthetics 2 (Symposium)

This is the second part of the morning symposium on Experimental Aesthetics. Experimental Aesthetics is the second-oldest branch of Experimental Psychology. Subsequent to his Psychophysics, Gustav Theodor Fechner established the empirical, experimental study of aesthetics “from below”, using empirical building blocks. Firmly grounded in the psychophysical and cognitive paradigms, the field continues to thrive. Our symposium convenes contributions investigating aesthetic domains ranging from dance, literature, music, visual arts, and more. Researchers engage in the quest for elucidating domain-general as well as highly domain-specific mental processing architecture.

CHAIR:  
Thomas Jacobsen (Helmut Schmidt University / University of the Federal Armed Forces Hamburg, Germany)

LOCATION: GC1-08

16:30  
Elvira Brattico (Center for Music in the Brain (MIB), Aarhus University, Denmark)  
On the musically beautiful – Revealing the physical, physiological and psychological determinants of beauty judgments of music

16:50  
Marcus Pearce (Queen Mary University of London, UK)  
Aesthetic experience of music: expectation, emotion, complexity and pleasure

17:10  
Alexis Makin (University of Liverpool, UK)  
The gap between aesthetic science and aesthetic experience

17:30  
Valentin Wagner (Max Planck Institute of Empirical Aesthetics, Germany)  
Winfried Menninghaus (Max Planck Institute of Empirical Aesthetics, Germany)  
Thomas Jacobsen (Helmut Schmidt University, Germany)  
The conceptual space of aesthetic appreciation

17:50  
Julia F. Christensen (City University, UK)  
Ruben T. Azevedo (Royal Holloway, UK)  
Manos Tsakiris (Royal Holloway, UK)  
Emotion matters: different psychophysiological responses to expressive and non-expressive dance movements

18:10  
David Poeppel (New York University, United States)  
Rhythms in the signal and rhythms in the head

18:30  
Ursula Beermann (The Health and Life Sciences University - UMIT, Department of Psychology, Austria)  
Melina Scheuffgen (University of Innsbruck, Department of Psychology, Austria)  
Hanna Wode (University of Innsbruck, Department of Psychology, Austria)  
Let Me Read You a Story: Effects of Vocal Delivery of Literary Texts and Mood on Aesthetic Emotions
### 16:30-19:00 Session 9C: Emotion 1 (Individual Talks)

**Emotion 1 (Individual Talks)**

**CHAIR:**
*Thomas Lachmann* (TU Kaiserslautern, Germany)

**LOCATION:** GCG-08

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:30</td>
<td>When negative affect drives attentional control: The role of motivational orientation</td>
<td>Jinhui Zhang <em>(Institute of Psychology, University of Freiburg, Germany)</em>, Andrea Kiesel <em>(Institute of Psychology, University of Freiburg, Germany)</em>, David Dignath <em>(Institute of Psychology, University of Freiburg, Germany)</em></td>
</tr>
<tr>
<td>16:50</td>
<td>The influence of listening to music during caesarean sections on patients’ anxiety levels</td>
<td>Nora K. Schaal <em>(Heinrich-Heine-University Düsseldorf, Germany)</em>, Philip Hepp <em>(Clinic for Gynecology and Obstetrics, HELIOS University Hospital Wuppertal, University Witten/Herdecke, Germany, Germany)</em></td>
</tr>
<tr>
<td>17:10</td>
<td>Media source credibility and the impact of affective person-related information</td>
<td>Julia Baum <em>(Humboldt-Universität zu Berlin, Berlin School of Mind and Brain, Germany)</em>, Rasha Abdel Rahman <em>(Humboldt-Universität zu Berlin, Berlin School of Mind and Brain, Germany)</em></td>
</tr>
<tr>
<td>17:30</td>
<td>Shades of surprise? Assessing the impact of degree of deviance and schema constraints on the surprise response syndrome</td>
<td>Judith Gerten <em>(University of Cologne, Germany)</em>, Sascha Topolinski <em>(University of Cologne, Germany)</em></td>
</tr>
<tr>
<td>17:50</td>
<td>Polarity-Induced Interactions Between Colour and Emotion</td>
<td>Claudia Kawai <em>(University of Vienna, Austria)</em>, Gáspár Lukács <em>(University of Vienna, Austria)</em>, Ulrich Ansorge <em>(University of Vienna, Austria)</em></td>
</tr>
<tr>
<td>18:10</td>
<td>Effects of Emotional Facial Expressions on Revenge Punishment</td>
<td>Vanessa Mitschke <em>(Universität Würzburg, Germany)</em>, Andreas Eder <em>(Universität Würzburg, Germany)</em>, Mario Gollwitzer <em>(Universität München, Germany)</em></td>
</tr>
</tbody>
</table>

### 16:30-19:00 Session 9D: Memory (Individual Talks)

**Memory (Individual Talks)**

**CHAIR:**
*Tilo Strobach* (Medical School Hamburg, Germany)

**LOCATION:** TM1-06

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:30</td>
<td>Same same but different? Modeling N-1 Switch Cost and N-2 Repetition Cost with the Diffusion Model and the Linear Ballistic Accumulator Model</td>
<td>Eva-Maria Hartmann <em>(Catholic University of Eichstätt-Ingolstadt, Germany)</em>, Alodie Rey-Mermet <em>(Catholic University of Eichstätt-Ingolstadt, Germany)</em>, Miriam Gade <em>(Medical School Berlin, Germany)</em></td>
</tr>
<tr>
<td>16:50</td>
<td>Investigating the mechanisms of chunking during dual-memory retrieval practice</td>
<td>Tilo Strobach <em>(Medical School Hamburg, Germany)</em>, Franziska Orscheschek <em>(Ruhr-University Bochum, Germany)</em>, Torsten Schubert <em>(Martin-Luther University Halle-Wittenberg, Germany)</em>, Timothy C. Rickard <em>(University of California San Diego, United States)</em></td>
</tr>
<tr>
<td>17:10</td>
<td>Mutually contradictory post-event misinformation: Effects on eyewitness remembering</td>
<td>Hartmut Blank <em>(University of Portsmouth, UK)</em></td>
</tr>
<tr>
<td>17:30</td>
<td>On the Adaptive Nature of Directed Forgetting: Recall and Eye Movement Results</td>
<td>Sebastian Scholtz <em>(University of Münster, Germany)</em>, Stephan Dutke <em>(University of Münster, Germany)</em></td>
</tr>
<tr>
<td>17:50</td>
<td>In the beginning was the deed: A perceptual-motor approach to short-term memory</td>
<td>Dylan Jones <em>(Cardiff University, UK)</em>, Bill Macken <em>(Cardiff University, UK)</em></td>
</tr>
<tr>
<td>18:10</td>
<td>The magic numbers 4 and 7. Modelling chunking in immediate memory</td>
<td>Lucas Löhr <em>(University of Mannheim, Germany)</em></td>
</tr>
<tr>
<td>18:30</td>
<td>Cognitive Control Affects Memory for Targets and Distractors Differently: The Two Faces of Memory Selectivity</td>
<td>Mirela Dubravac <em>(University of Bern, Switzerland)</em>, Beat Meier <em>(University of Bern, Switzerland)</em></td>
</tr>
</tbody>
</table>
16:30-19:00 Session 9E: Neuroscience (Individual Talks)

Neuroscience (Individual Talks)

CHAIR:
Tobias Feldmann-Wüstefeld (University of Southampton, UK)
LOCATION: TMG-58

16:30 Franz Wurm (Catholic University of Eichstätt-Ingolstadt, Germany)
   Wioleta Walentowska (Ghent University, Belgium)
   Benjamin Ernst (Catholic University of Eichstätt-Ingolstadt, Germany)
   Gilles Pourtois (Ghent University, Belgium)
   Marco Steinhauser (Catholic University of Eichstätt-Ingolstadt, Germany)
   Is it important to be able to learn? An ERP study on the influence of goal relevance on feedback processing

16:50 Anne Trutti (Leiden University, Netherlands)
   Zsuzsika Sjoerds (Leiden University, Netherlands)
   Bernhard Hommel (Leiden University, Netherlands)
   Attentional blink and putative non-invasive dopamine markers: two experiments to consolidate possible associations

17:10 Larissa Leist (TU Kaiserslautern, Germany)
   Thomas Lachmana (TU Kaiserslautern, Germany)
   Daniela Czernochowski (TU Kaiserslautern, Germany)
   Task-dependent effects on error-processing

17:30 Tobias Feldmann-Wüstefeld (University of Southampton, UK)
   Neural evidence for the role of suppression in visual selective attention and working memory

17:50 Alodie Rey-Mermet (Catholic University of Eichstätt-Ingolstadt, Germany)
   Miriam Gade (Medical School Berlin, Germany)
   Marco Steinhauser (Catholic University of Eichstätt-Ingolstadt, Germany)
   Sequential conflict resolution under multiple concurrent conflicts: An ERP study

16:30-19:00 Session 9F: Language (Individual Talks)

Language (Individual Talks)

CHAIR:
Ulrich Ansorge (University of Vienna, Austria)
LOCATION: TM2-02

16:30 Ulrich Ansorge (University of Vienna, Austria)
   Florian Engel (Medical University Vienna, Austria)
   Tamara Strini (University of Vienna, Austria)
   Anni Sienier (Heinrich-Heine-Universität Düsseldorf, Germany)
   An Investigation of Spatial Stimulus-Response Compatibility Effects Based on German Particles

16:50 Ira Theresa Maschmann (University of Cologne - Social Cognition Center Cologne, Germany)
   Sascha Topolinski (University of Cologne - Social Cognition Center Cologne, Germany)
   Introducing a novel language preference effect: Consonantal and Vocalic Positions Affect Word Preference and Person Perception

17:10 Felix G. Rebischek (Max Planck Institute for Human Development, Germany)
   Michael Zitzmann (Max Planck Institute for Human Development, Germany)
   How to improve relative risk interpretation in readers of digital texts

17:30 Miriam Gade (Medical School Berlin, Germany)
   Andrea M. Philip (RWTH Aachen University, Department of Psychology, Germany)
   Anat Prior (University of Haifa, Edmond J. Safra Brain Research Center for the study of Learning Disabilities, Israel)
   Language switching and task switching: Does superficial similarity translate into equivalent learning processes in bilinguals and monolinguals alike?

17:50 Sascha Topolinski (University of Cologne, Germany)
   Delicious language: The driving mechanisms of the in-out effect

18:10 Jannis Born (University of Zurich, Switzerland)
   Nikola Nikolov (University of Zurich, Switzerland)
   Anna Rosenkrantz (Department of Special Education and Rehabilitation, University of Cologne, Germany)
   Barbara Schmidt (Department of Special Education and Rehabilitation, University of Cologne, Germany)
   Alfred Schabmann (Department of Special Education and Rehabilitation, University of Cologne, Germany)
   A computational investigation of Jürgen Reichen's Lesen durch Schreiben method

18:30 Jessica Ernst (Ruhr-Universität, Germany)
   Eva Belke (Ruhr-Universität, Germany)
   Sonia Kandel (Université de Grenoble, France)
   The role of double consonants in German handwritten word production
Semantic Context Effects on Language Production: New Perspectives and Methods (Symposium)

During language production speakers are influenced by the semantic context in which they speak. Numerous studies using experimental paradigms like the Picture-Word-Interference (PWI), the blocked-cyclic or the continuous naming paradigm, have revealed that semantic context can interfere with or facilitate language production. In this symposium we introduce novel approaches that build on established findings but employ new methods, perspectives and applications to the study of semantic context effects. Moving forward from classical PWI, Cornelia van Scherpenberg will present data on this paradigm in combination with eye tracking showing how speakers make use of the semantic context they view. Eva Belke will discuss semantic interference across languages, demonstrating how the blocked-cyclic naming paradigm can be used to assess lexical-semantic representations in Turkish-German bilingual children. Speaking in its most natural form – during social interaction and shared activities – will be addressed in two contributions. Hsin-Pei Lin will describe how seemingly unrelated objects can induce interference in naming after they are introduced in a unifying narrative told by a task partner. Anna Kuhlen will present electrophysiological and behavioural data from a social setting in which two task partners alternate naming pictures, investigating whether the partner’s word retrieval process is simulated. Finally, an innovative combination of TMS and PWI will be introduced by Katrin Sakreida, allowing insights into the spatial and temporal mapping of semantic processes in language-related cortical regions. Our symposium will provide intriguing insights on cutting-edge methodological approaches but also new theoretical facets in a thriving field of language production research.

CHAIRS:
Anna Katharina Kuhlen (Humboldt Universität zu Berlin, Germany)
Cornelia van Scherpenberg (Berlin School of Mind and Brain, Germany)

LOCATION: BPLG-02
16:30 Cornelia van Scherpenberg (Berlin School of Mind and Brain, Humboldt-Universität zu Berlin, Germany)
  Rashida Abdel Rahman (Institute for Psychology, Humboldt-Universität zu Berlin, Germany)
  Hellmuth Obrig (Department of Neurology, Max-Planck-Institute for Human Cognitive and Brain Sciences, Leipzig, Germany)
Semantic Context Effects on Language Production: New Perspectives and Methods (1)

16:50 Eva Belke (Sprachwissenschaftliches Institut, Ruhr-Universität Bochum, Germany)
  Johanna Bebout (Logopädische Praxis Heike Bagus, Plümers Kamp 10, 45276 Essen, Germany)
Semantic Context Effects on Language Production: New Perspectives and Methods (2)

17:10 Hsin-Pei Lin (Humboldt-Universität zu Berlin, Germany)
  Anna Katharina Kuhlen (Humboldt-Universität zu Berlin, Germany)
  Rashida Abdel Rahman (Humboldt-Universität zu Berlin, Germany)
Semantic Context Effects on Language Production: New Perspectives and Methods (3)

17:30 Anna Katharina Kuhlen (Humboldt Universität zu Berlin, Germany)
  Rashida Abdel Rahman (Humboldt Universität zu Berlin, Germany)

Semantic Context Effects on Language Production: New Perspectives and Methods (4)
17:50 Katrin Sakreida (Uniklinik RWTH Aachen, Department of Neurosurgery, Germany)
  Magdalena Jonen (Uniklinik RWTH Aachen, Department of Neurosurgery, Germany)
  Marie Grüner (Uniklinik RWTH Aachen, Department of Neurosurgery, Germany)
  Stefan Heim (Uniklinik RWTH Aachen, Department of Psychiatry | Research Centre Jülich, INM-1, Germany)
  Georg Neuloh (Uniklinik RWTH Aachen, Department of Neurosurgery, Germany)
Semantic Context Effects on Language Production: New Perspectives and Methods (5)

18:10 Andrea M. Philipp (RWH Aachen University, Germany)
  Noemi Földes (RWTH Aachen University, Germany)
  Iring Koch (RWTH Aachen University, Germany)
Semantic Context Effects on Language Production: New Perspectives and Methods (6)

20:00-22:30 TEAP 2019 CONFERENCE DINNER

TEAP 2019 CONFERENCE DINNER

LOCATION: Kenwood House
Bus is waiting at 7.15 pm in front of the Learning Centre for registered participants
OVERVIEW Wednesday, April 17th

09:00-11:00
Session 10A
Current Trends in Implicit Learning Research (Symposium)
TG-30 Henry Thomas

09:00-11:00
Session 10B
Visual Attention’s Three Guides (Symposium)
GC1-08

09:00-11:00
Session 10C
Morals (Individual Talks)
TM2-02

09:00-11:00
Session 10D
Feedback (Individual Talks)
GCG-08

09:00-11:00
Session 10E
Methodology (Individual Talks)
TM1-06

09:00-11:00
Session 10F
Can imitation, observation, and joint action be socially modulated?
A cross-paradigm & meta-analytical perspective (Symposium)
BPLG-02

11:30-13:00
Keynote Speaker
Prof John Duncan
MRC Cognition and Brain Unit, University of Cambridge
‘Fluid intelligence and cognitive control’
TR1-04 Great Hall

13:00-14:00
Free EYELINK Bring-Your-Lunch Workshop (36 places, please register with kurt@sr-research.com)
TM3-01

13:00-14:0
Free Berisoft Bring-Your-Lunch Workshop: Introduction to the ERTS Script Language (30 places, please register with joerg.beringer@berisoft.com)
TM3-02

14:00-16:00
Session 12A
Uncovering Cognitive Processes using Mouse-tracking: Novel extensions and Applications (Symposium)
TG-30 Henry Thomas

14:00-16:00
Session 12B
Testing Your Memory:
Current research on the Forward Testing Effect and the Benefits of Unsuccessful Retrieval (Symposium)
GC1-08

14:00-16:00
Session 12C
Emotion 2 (Individual Talks)
GCG-08

14:00-16:00
Session 12D
Executive Functioning: Control (Individual Talks)
BPLG-02

14:00-16:00
Session 12E
Attention (Individual Talks)
TM2-02

16:00-17:00
Session 13
Farewell and Address of the Organiser of the TEAP2020 in Jena
Carina Giesen
TG-30 Henry Thomas
Current Trends in Implicit Learning Research (Symposium)

Many researchers claim that people can detect regularities in their environment and adapt behavior accordingly in the absence of awareness. However, the demonstration of such implicit (unconscious) learning hinges on participants' unawareness of the process and products of learning or on the necessity of two cognitive processes (an automatic and a deliberative one) to explain behavior. This symposium will bring together researchers employing different paradigms and methods of investigating the possibility of unconscious learning. The first two talks will present new insights in evaluative conditioning; Mandy Hütter will show that its sensitivity to contingencies depends on the ratio of positive to negative stimulus pairings, while Christoph Stahl will provide evidence for a single-process perspective on evaluative conditioning that does not require an automatic process. In the domain of category learning, Andy Wills will present recent work on the COVIS dual-process model, showing that participants’ apparent use of implicit categorization strategies may be due to inaccurate strategy classification. Because evidence for implicit learning often requires proving the null hypothesis of zero awareness, Zoltan Dienes will show how to use Bayes factors to obtain evidence for (or against) one’s theory relative to the null. The final two talks will address the often low correlations observed between awareness and behavioral measures. Miguel Vadillo will show that low correlations in contextual cuing are biased by the reliabilities of both measures. Lastly, Simone Malejka will show that the same holds true for memory suppression and present three Bayesian models to correct for unreliability.

CHAIR: Simone Malejka (University College London, UK)
LOCATION: TG-30 Henry Thomas

09:00-11:00 Session 10A: Current Trends in Implicit Learning Research (Symposium)

09:00-11:00 Session 10B: Visual Attention’s Three Guides (Symposium)

As soon as we open our eyes to perceive the world around us, our attention is drawn to certain stimuli in our environment. Originally, it was assumed that either bottom-up (i.e., saliency) or top-down guides (i.e., search goals) steer our attention. Bottom-up guides make it easy to spot the green apple among the oranges, whereas top-down guides help us to find the red apple among pomegranates. However, recent ideas suggest that attentional selection is likely not as black and white as initially assumed. A person’s prior experience (i.e., learning history) appears to also direct attention and distinctions between bottom-up, top-down, and experience-based processes have proven surprisingly difficult in some cases. Likely, often more than one guide steers visual attention. In this symposium, examples from a wide range of topics and methods demonstrate how these three guides affect visual attention and how difficult their differentiation may be. First, two talks, on contingent capture and crowding, assess the influence of bottom-up and top-down processes on visual attention, as well as their remarkable interactions. Then, a talk on how decision-making reflects in pupil dilation and micro-saccade rates provides further evidence for an influence of top-down processes. Subsequently, two talks investigating the influences of native language and anticipated action consequences on attention indicate possible effects of selection history, while also illustrating the blurred borders between top-down and experience-based processes. The final talk aims to integrate the influence of several guides for visual attention into a model for oculomotor control levels in free-choice saccades.

CHAIRS:
Florian Goller (University of Vienna, Austria)
Christina Pfeuffer (University of Freiburg, Germany)

LOCATION: GC1-08

09:00 Florian Goller (University of Vienna, Austria)
  Tobias Schöber (University of Vienna, Austria)
  Ulrich Ansorge (University of Vienna, Austria)
  Visual attention’s three guides 1

09:20 Lisa Eberhardt (Ulm University, Germany)
  Anke Huckauf (Ulm University, Germany)
  Visual attention’s three guides 2

09:40 Christoph Strauch (Ulm University, Germany)
  Anke Huckauf (Ulm University, Germany)
  Visual attention’s three guides 3

10:00 Alexandra Kroiss (University of Vienna, Austria)
  Florian Goller (University of Vienna, Austria)
  Jeong-Ah Shin (Dongguk University, South Korea)
  Ulrich Ansorge (University of Vienna, Austria)
  Soonja Choi (University of Vienna, Austria)
  Visual attention’s three guides 4

10:20 Christina Pfeuffer (University of Freiburg, Germany)
  Visual attention’s three guides 5

10:40 Lynn Huete scape (Wuerzburg University, Germany)
  Aleks Pieczykalan (RWTH Aachen University, Germany)
  Oliver Herbert (Wuerzburg University, Germany)
  Wilfried Kunde (Wuerzburg University, Germany)
  Nora Gosch (TU Braunschweig, Germany)
  Visual attention’s three guides 6
### 09:00-11:00 Session 10C: Morals (Individual Talks)

**Morals (Individual Talks)**

**CHAIR:**
**Michael Zürn** (University of Cologne, Germany)

**LOCATION:** TM2-02

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Title</th>
</tr>
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<tbody>
<tr>
<td>09:00</td>
<td>Alex Wiegmann (Ruhr University Bochum, Germany)</td>
<td>Lying, what is said, presuppositions, and implicatures</td>
</tr>
<tr>
<td>09:20</td>
<td>Felix J. Götz (Julius-Maximilians-Universität Würzburg, Germany) Andrea B. Eder (Julius-Maximilians-Universität Würzburg, Germany)</td>
<td>Obedience vs. free will: Adoption of a bug-killing paradigm for the study of obedience to authority</td>
</tr>
<tr>
<td>09:40</td>
<td>Neele Engelmann (Department of Psychology, University of Göttingen, Germany) Michael Waldmann (Department of Psychology, University of Göttingen, Germany)</td>
<td>Moral Reasoning with Multiple Effects</td>
</tr>
<tr>
<td>10:00</td>
<td>Michael Zürn (University of Cologne, Germany) Sascha Topolinski (University of Cologne, Germany)</td>
<td>Cooperation in Asymmetric Dilemmas</td>
</tr>
<tr>
<td>10:20</td>
<td>Alexa Weiss (Bielefeld, Germany) Pascal Burgmer (University of Kent, UK)</td>
<td>Double moral standards in close relationships</td>
</tr>
</tbody>
</table>

### 09:00-11:00 Session 10D: Feedback (Individual Talks)

**Feedback (Individual Talks)**

**CHAIR:**
**Bertram Opitz** (Martin Luther University Halle, Germany)

**LOCATION:** GCG-08

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Title</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Bertram Opitz (Centre for Digital Learning and Teaching, Germany)</td>
<td>Cognitive Mechanisms Underlying Formative Feedback</td>
</tr>
<tr>
<td>09:20</td>
<td>Petra Ludowicy (Center for Cognitive Science, University of Kaiserslautern, Germany) Pedro Paz-Alonso (Basque Center on Cognition, Brain and Language, San Sebastian, Spain) Thomas Lachmann (Center for Cognitive Science, University of Kaiserslautern, Germany) Daniela Czernochowski (Center for Cognitive Science, University of Kaiserslautern, Germany)</td>
<td>The Effect of Performance Feedback on the Testing Effect</td>
</tr>
<tr>
<td>09:40</td>
<td>Aleksandra Kroguńska (The University of Warwick, UK) Kinga Izdebska (Jagiellonian University, Poland) Maciej Hanczakowski (SWPS University of Social Sciences and Humanities, Poland) Katarzyna Zawadzka (SWPS University of Social Sciences and Humanities, Poland)</td>
<td>The memory conformity effect in semantic memory. How does information from other people influence answering general knowledge questions?</td>
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<tr>
<td>10:00</td>
<td>Kathrin C. J. Eschmann (Saarland University, Germany) Axel Mecklinger (Saarland University, Germany)</td>
<td>You’ve got the power: Frontal-midline theta neurofeedback training and its transfer to cognitive control processes</td>
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<td>10:20</td>
<td>Kerstin Fröber (Universität Regensburg, Germany) Roland Pfister (Universität Würzburg, Germany) Gesine Dreisbach (Universität Regensburg, Germany)</td>
<td>Increasing reward prospect promotes cognitive flexibility: Direct evidence from voluntary task switching with double registration</td>
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<td>10:40</td>
<td>Romy Müller (TU Dresden, Faculty of Psychology, Chair of Engineering Psychology and Applied Cognitive Research, Germany)</td>
<td>Partner reactions affect task set selection: The roles of specific imitation and abstract task set compatibility</td>
</tr>
</tbody>
</table>
**09:00-11:00 Session 10E: Methodology (Individual Talks)**

Methodology (Individual Talks)

**CHAIR:**
*Jochen Musch* (University of Duesseldorf, Germany)

**LOCATION:** TM1-06

09:00 *Julia Meisters* (University of Duesseldorf, Germany)
  *Adrian Hoffmann* (University of Duesseldorf, Germany)
  *Jochen Musch* (University of Duesseldorf, Germany)
  The Extended Crosswise Model: Validating an experimental approach to controlling social desirability

09:20 *Joerg Beringer* (Berisoft Inc., United States)
  *Leigh Charvet* (MS Comprehensive Care Center, Department of Neurology, NYU School of Medicine, United States)
  *Stephen Fleming* (University College London, UK)
  *Manuel Voelkle* (Humboldt-Universität Berlin, Germany)
  Retrodicive validity as rational criterion for choice of psychological research methods

09:40 *Dominik Bach* (University of Zurich, Switzerland)
  *Filip Melinscak* (University of Zurich, Switzerland)
  *Stephen Fleming* (University College London, UK)
  *Manuel Voelkle* (Humboldt-Universität Berlin, Germany)
  Using Cognition Lab to bridge between 'in-lab' and lab-external studies

10:00 *Martin Papenbera* (University of Duesseldorf, Department of Experimental Psychology, Germany)
  *Gunnar W. Klau* (University of Duesseldorf, Department of Computer Science, Germany)
  Using anticlustering to create equivalent stimulus sets in experimental psychology

10:20 *Martin Schnurch* (University of Mannheim, Germany)
  Efficiently testing sensitive attributes: A sequential randomized response technique

10:40 *Markus Steiner* (University of Basel, Switzerland)
  *Florian Seitz* (University of Basel, Switzerland)
  *Renato Frey* (University of Basel and Princeton University, Switzerland)
  Mapping the Cognitive Processes Underlying Self-Reported Risk-Taking Propensity

**09:00-11:00 Session 10F: Can imitation, observation, and joint action be socially modulated? A cross-paradigm & meta-analytical perspective (Symposium)**

Can imitation, observation, and joint action be socially modulated? A cross-paradigm & meta-analytical perspective (Symposium)

In the last decades, social phenomena including automatic imitation, observational learning, and joint action and their underlying psychological processes became "hot" topics in scientific psychological research. Thus, researchers developed social variants of prominent cognitive paradigms, such as the joint Simon task, the observational stimulus-response binding paradigm, or the imitation-inhibition task—to name just a few examples. These paradigms not only allow for studying the cognitive underpinnings of social key topics. Also, they are particularly insightful, because their findings challenge the explanatory power of (so far) purely cognitive accounts. Evidence for the social nature of these paradigms comes from studies that test the influence of certain "social" moderators (group membership, interdependence, etc.). Strikingly, at the backdrop of the current crisis of confidence in psychological research, a critical examination on the robustness of these moderating effects is currently missing. In this symposium, we aim at filling this gap by critically assessing the degree to which social moderators actually influence social variants of prominent cognitive paradigms (joint Simon task; imitation-inhibition task; observational stimulus-response binding task). All contributors will explain the nature of each paradigm and review recent evidence. Specifically, all contributors commit to a meta-analytical approach and will unpack their "social file drawer" and present data on social factors that did or did not moderate the effect of interest. This paves the way for an in-depth discussion of possible underlying psychological processes that are common to all of the presented effects and come with high explanatory power across all of these paradigms.

**CHAIRS:**
*Oliver Genschow* (University of Cologne, Germany)
*Carina Giesen* (Friedrich Schiller University Jena, Germany)

**LOCATION:** BPLG-02

09:00 *Oliver Genschow* (University of Cologne, Germany)
  Can imitation, observation, and joint action be socially modulated? A cross-paradigm & meta-analytical perspective (2)

09:20 *Roman Liepelt* (German Sport University Cologne, Germany)
  *Markus Raab* (German Sport University Cologne, Germany)
  Can imitation, observation, and joint action be socially modulated? A cross-paradigm & meta-analytical perspective (3)

09:40 *Pamela Baes* (University of Hildesheim, Germany)
  Can imitation, observation, and joint action be socially modulated? A cross-paradigm & meta-analytical perspective (4)

10:00 *Carina Giesen* (Friedrich Schiller University Jena, Germany)
  Can imitation, observation, and joint action be socially modulated? A cross-paradigm & meta-analytical perspective (5)

10:20 *Emiel Cracco* (Ghent University, Belgium)
  *Laura De Soutter* (Ghent University, Belgium)
  *Sienne Braem* (Vrije Universiteit Brussel, Belgium)
  *Oliver Genschow* (University of Cologne, Germany)
  *Marcel Brass* (Ghent University, Belgium)
  Can imitation, observation, and joint action be socially modulated? A cross-paradigm & meta-analytical perspective (6)
**11:30-13:00**

**Keynote Speaker**

Prof John Duncan  
MRC Cognition and Brain Unit, University of Cambridge  
'Fluid intelligence and cognitive control'  

CHAIR:  
Chris Lange-Kuettner (London Metropolitan University, UK)  
LOCATION: TR1-04 Great Hall

13:00-14:00 Free EYELINK Bring-Your-Lunch Workshop (36 places, please register with kurt@sr-research.com)

Free EYELINK Lunch Workshop (36 places, please register with kurt@sr-research.com) LOCATION: TM3-01

**14:00-16:00**  
**Session 12A: Uncovering Cognitive Processes using Mouse-tracking: Novel extensions and Applications (Symposium)**

Uncovering Cognitive Processes using Mouse-tracking: Novel extensions and Applications (Symposium)

Mouse-tracking – the recording and analysis of mouse movements while participants decide between different options presented as buttons on a computer screen – is becoming a popular process tracing method in psychological research. Typically, mouse movements are used as an indicator of commitment to or conflict between choice options during the decision process. Based on this assumption, researchers have employed mouse-tracking to gain a closer understanding of real-time cognitive processing in many psychological domains. This symposium pursues three goals. First, we introduce mouse-tracking to interested experimental psychologists, outlining the theoretical assumptions behind the method and introducing technical implementations. One talk will present a new software package for conducting mouse-tracking experiments online (Henninger). A further talk presents an R package for performing advanced analyses and visualizations of mouse-tracking data (Kieslich). Second, the symposium presents novel applications of mouse-tracking. This includes one of the first applications of mouse-tracking within clinical populations that investigates social perception in Borderline Personality Disorder (Hepp) and exemplary applications in the other talks, including decisions under risk, social dilemmas and judgmental biases. Third, the symposium presents methodological extensions of mouse-tracking. This includes the combination of eye- and mouse-tracking to jointly model information acquisition and evaluation (Frame). A further talk presents different methods for identifying changes of mind and compares their validity in several experiments (Palfi). The symposium will end with a panel discussion of all speakers that will discuss methodological challenges and future directions for mouse-tracking research. The discussion will take place from 15:40-16:00 (not displayed in program).

CHAIR: Pascal J. Kieslich (University of Mannheim, Germany)  
LOCATION: TG-30 Henry Thomas

14:00 Felix Henninger (University of Koblenz-Landau, University of Mannheim, Germany)  
Pascal J. Kieslich (University of Mannheim, Germany)  
Uncovering cognitive processes using mouse-tracking: Novel extensions and applications 1

14:20 Pascal J. Kieslich (University of Mannheim, Germany)  
Dirk U. Wulff (University of Basel, Switzerland)  
Felix Henninger (University of Koblenz-Landau, Germany)  
Jonas M. B. Haslbeck (University of Amsterdam, Netherlands)  
Michael Schulte-Mecklenbeck (University of Bern, Switzerland)  
Uncovering cognitive processes using mouse-tracking: Novel extensions and applications 2

14:40 Johanna Hepp (Central Institute of Mental Health, Heidelberg University, Germany)  
Pascal J. Kieslich (University of Mannheim, Germany)  
Inga Niedtfeld (Central Institute of Mental Health, Heidelberg University, Germany)  
Uncovering cognitive processes using mouse-tracking: Novel extensions and applications 3

15:00 Mary Frame (Wright State University, United States)  
Alan Boydstun (Wright State University, United States)  
Joseph Houpt (Wright State University, United States)  
Uncovering cognitive processes using mouse-tracking: Novel extensions and applications 4
Testing Your Memory: Current research on the Forward Testing Effect and the Benefits of Unsuccessful Retrieval (Symposium)

Testing can have a number of beneficial effects on long-term memory and learning. For instance, a direct benefit of testing, referred to as the backward testing effect in the literature, is the finding that retrieval practice of previously studied information can improve its long-term retention more than restudy does. However, there are also indirect benefits of testing, including the forward testing effect and the benefits of unsuccessful retrieval. The forward testing effect describes the finding that retrieval practice of previously studied information enhances learning and retention of subsequently studied other information. The benefits of unsuccessful retrieval refer to the finding that generating errors in impossible recall tests can enhance subsequent feedback learning and thus improve long-term memory. The speakers of the symposium will present their ongoing research on the forward testing effect and the benefits of unsuccessful retrieval, addressing both theoretical and practical aspects of these effects. So doing, the symposium will directly connect with the keynote "Testing your memory: The many consequences of retrieval on long-term learning and retention" presented by David Shanks. The symposium will end with a panel discussion on the effects of testing on memory and learning, moderated by keynote speaker David Shanks.

CHAIRS: Bernhard Pastötter (University of Trier, Germany)

David Shanks (University College London, UK)

LOCATION: GC1-08

14:00 Bernhard Pastötter (University of Trier, Germany)

Christian Frings (University of Trier, Germany)

Testing your memory: Current research on the forward testing effect and the benefits of unsuccessful retrieval (1)

14:20 Oliver Kliegl (Regensburg University, Germany)

Karl-Heinz T. Bäuml (Regensburg University, Germany)

Testing your memory: Current research on the forward testing effect and the benefits of unsuccessful retrieval (2)

14:40 Veit Kubik (Institut für Psychologie, Germany)

Torsten Schubert (Institut für Psychologie, Germany)

Alp Aslan (Institut für Psychologie, Germany)

Testing your memory: Current research on the forward testing effect and the benefits of unsuccessful retrieval (3)

15:00 Alp Aslan (Martin Luther University Halle-Wittenberg, Germany)

Veit Kubik (Martin Luther University Halle-Wittenberg, Germany)

Testing your memory: Current research on the forward testing effect and the benefits of unsuccessful retrieval (4)

15:20 Tina Seabrooke (University of Plymouth, UK)

Tim Hollins (University of Plymouth, UK)

Andy Wills (University of Plymouth, UK)

Chris Mitchell (University of Plymouth, UK)

Testing your memory: Current research on the forward testing effect and the benefits of unsuccessful retrieval (5)

15:40 David Shanks (University College London, UK)

Testing your memory: Current research on the forward testing effect and the benefits of unsuccessful retrieval (6)
### 14:00-16:00 Session 12C: Emotion 2 (Individual Talks)

**Emotion 2 (Individual Talks)**

**CHAIR:**
Thomas Lachmann (TU Kaiserslautern, Germany)

**LOCATION:** GCG-08

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
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<tr>
<td>14:00</td>
<td>Matthias Beggiato (Chemnitz University of Technology, Cognitive and Engineering Psychology, Germany)</td>
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<td>Franziska Hartwich (Chemnitz University of Technology, Cognitive and Engineering Psychology, Germany)</td>
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<td>Katharina Simon (Chemnitz University of Technology, Ergonomics and Innovation Management, Germany)</td>
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<td>Patrick Roßner (Chemnitz University of Technology, Ergonomics and Innovation Management, Germany)</td>
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<td>Angelika Bullinger-Hoffmann (Chemnitz University of Technology, Ergonomics and Innovation Management, Germany)</td>
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<td>Josef Krems (Chemnitz University of Technology, Cognitive and Engineering Psychology, Germany)</td>
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<td>Psychophysiological reactions to discomfort in automated driving</td>
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<td>14:20</td>
<td>Ulrike Zimmer (MSH Medical School Hamburg, Germany)</td>
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<td>Mortatha Al Khafage (MSH Medical School Hamburg, Germany)</td>
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<td>Marlene Pacharra (MSH Medical School Hamburg, Germany)</td>
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<td>Philipp Bremer (MSH Medical School Hamburg, Germany)</td>
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<td>Spatial and emotional ERP-effects in multisensory emotional face/sound-cueing</td>
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<td>14:40</td>
<td>Adrian von Muhlener (The University of Warwick, UK)</td>
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<td>Lauren Bellanger (University of Massachusetts Lowell, United States)</td>
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<td>The Effect of induced sadness and moderate depression on attentional control</td>
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<td>15:00</td>
<td>Thorsten Erle (University of Cologne, Germany)</td>
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<td>Friederike Funk (University of Cologne, Germany)</td>
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<td>When it helps and hurts to walk in someone else’s shoes: Effects of visuospatial perspective-taking on emotion recognition, perception, and emotional contagion</td>
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<td>15:20</td>
<td>Ann-Kathrin Beck (University of Kaiserslautern, Germany)</td>
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<td>Joana C. Carne (Universidade de Lisboa, Germany)</td>
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<td>Daniela Czernochowski (University of Kaiserslautern, Germany)</td>
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<td>Thomas Lachmann (University of Kaiserslautern, Germany)</td>
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<td>Malfunctioning feedback loop during ultra-rapid item categorization in individuals with autism spectrum disorder</td>
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### 14:00-16:00 Session 12D: Executive Functioning: Control (Individual Talks)

**Executive Functioning: Control (Individual Talks)**

**CHAIR:**
Robert Wirth (Würzburg University, Germany)

**LOCATION:** BPLG-02

<table>
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<tr>
<th>Time</th>
<th>Speaker(s)</th>
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<tr>
<td>14:00</td>
<td>Maximilian Wolkersdorfer (Technische Universität Kaiserslautern, Germany)</td>
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<td>Sven Panis (Technische Universität Kaiserslautern, Germany)</td>
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<td>Thomas Schmidt (Technische Universität Kaiserslautern, Germany)</td>
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<td>Temporal Dynamics of Response Activation in the Stroop and Reverse-Stroop Paradigm</td>
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<td>14:20</td>
<td>Roel van Dooren (Leiden University, Netherlands)</td>
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<td>Roberta Sellaro (Leiden University, Netherlands)</td>
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<td>Bernhard Hommel (Leiden University, Netherlands)</td>
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<td>Shifting the balance: The role of context in shaping metacontrol policies</td>
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<td>14:40</td>
<td>Lea Johannsen (Albert-Ludwigs-University Freiburg, Germany)</td>
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<td>Andrea Kiesel (Albert-Ludwigs-University Freiburg, Germany)</td>
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<td>Bernhard Hommel (Leiden University, Germany)</td>
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<td>David Dioneth (Albert-Ludwigs-University Freiburg, Germany)</td>
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<td>Contextual Control of Conflict: Reconciling Cognitive-Control and Episodic-Retrieval Accounts of Sequential Conflict Modulation</td>
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<td>15:00</td>
<td>Torsten Martiny-Huenger (UIT The Arctic University of Norway, Norway)</td>
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<td>Dereligation decreases the likelihood of expressing dominant responses</td>
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<td>15:20</td>
<td>Christiane Baumann (University of Zurich, Switzerland)</td>
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<td>Henrik Singmann (The University of Warwick, UK)</td>
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<td>Samuel Gershman (Harvard University, United States)</td>
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<td>Bettina von Helversen (University of Zurich, Switzerland)</td>
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<td>A Linear Threshold Model for Optimal Stopping Problems</td>
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<td>15:40</td>
<td>Robert Wirth (Würzburg University, Germany)</td>
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<td>Wilfried Kunde (Würzburg University, Germany)</td>
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<td>Monitoring of proximal and distal effects and errors</td>
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14:00-16:00 Session 12E: Attention (Individual Talks)

Attention (Individual Talks)

CHAIR:
Karin Ludwig (Ludwig Maximilian University of Munich, Germany)

LOCATION: TM2-02

14:00 Karin Ludwig (Clinical Neuropsychology, Ludwig-Maximilians-Universität München, Germany)
Thomas Schenk (Clinical Neuropsychology, Ludwig-Maximilians-Universität München, Germany)
Gaze-contingent paradigm changes bias in spatial attention in healthy observers: an intervention with potential to treat patients with spatial neglect

14:20 Maria Glaser (Humboldt-Universität zu Berlin, Germany)
André Knops (University Paris Descartes; CNRS UMR 8240, Laboratoire de Psychologie du Développement et de l'Éducation de l'enfant, France)
Spatial biases induced by mental arithmetic and the impact of task difficulty

14:40 Michel D. Druey (Universität Konstanz, Germany)
Annabelle Walle (Universität Konstanz, Germany)
Ronald Hübner (Universität Konstanz, Germany)
The effects of value on attention in search tasks: Opposing mechanisms of search efficiency and response caution

15:00 Benjamin Schöne (Osnabrueck University, Germany)
Sophia Sylvester (Osnabrueck University, Germany)
Elise L. Radtke (Osnabrueck University, Germany)
Annabelle Walle (Universität Konstanz, Germany)
Simon Merz (Universität Trier, Germany)
Charles Spence (University of Oxford, UK)
Christian Frings (Universität Trier, Germany)
Debunking the monkey: Sustained inattentional blindness in virtual reality

15:20 Anne Jensen (Universität Trier, Germany)
Susan Merz (Universität Trier, Germany)
Charles Spence (University of Oxford, UK)
Christian Frings (Universität Trier, Germany)
Perception versus action: Processing level of distractor interference in multisensory selection

15:40 Svatje Tabea Kähler (Helmut-Schmidt-University/ University of the Federal Armed Forces Hamburg, Germany)
Mike Wendt (Medical School Hamburg, Germany)
Aquiles Luna-Rodriguez (Helmut-Schmidt-University/ University of the Federal Armed Forces Hamburg, Germany)
Thomas Jacobsen (Helmut-Schmidt-University/ University of the Federal Armed Forces Hamburg, Germany)
Persistence and replacement of attentional sets

16:00-17:00 Farewell to London and Address of the Organiser of the TEAP2020 in Jena

Carina Giesen 'TEAP 2020 in Jena, Germany'

CHAIR:
Chris Lange-Kuettner (London Metropolitan University, UK)
LOCATION: TG-30 Henry Thomas