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<th>Time</th>
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<tr>
<td>13:30 – 15:20</td>
<td>OPENING CEREMONY</td>
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<td>TWO LANGUAGES IN MIND: BILINGUALISM AS A LENS TO COGNITION</td>
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<td><strong>Keynote Speaker:</strong> Judith Kroll, Pennsylvania State University</td>
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<td>15:20 – 17:00</td>
<td>Thematic Session – TS01</td>
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<td>BILINGUALISM I</td>
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<td><strong>Chair:</strong> Ana B. Vivas, The University of Sheffield International Faculty, City College</td>
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<td>SOURCE RECOGNITION AND LIST DISCRIMINATION IN BILINGUALS</td>
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<td>Wendy Francis, E. Natalia Strobach, Michelle Martinez</td>
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<td>University of Texas at El Paso</td>
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<td>LANGUAGE CONTROL IN BILINGUAL LANGUAGE COMPREHENSION: EVIDENCE FROM THE MAZE TASK</td>
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<td>Xin Wang, Yosine White, Daphne Ng</td>
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<td>University of Greenwich</td>
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<td>SECOND LANGUAGE EXPOSURE MODULATES THE BILINGUAL Advantage</td>
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<td>Evy Woumans, Valéria Morozova, Wouter Duyck</td>
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<td>Ghent University</td>
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<td>ATTENTIONAL PROCESSES IN ALBANIAN-GREEK BILINGUALS: DOES THE LEVEL OF BILINGUAL EXPERIENCE MATTER?</td>
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<td>Elisaver Chrysochoou, Aristeia Ladas, Vasiliki Salvari, Ana B. Vivas</td>
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<td>The University of Sheffield International Faculty, City College</td>
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<td>15:20 – 17:00</td>
<td>Thematic Session – TS02</td>
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<td>LETTER/WORD PROCESSING I</td>
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<td><strong>Chair:</strong> Sascha Schroeder, Max Planck Institute for Human Development, MPRG REaD</td>
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<td>LETTER BIGRAM EFFECTS IN VISUAL WORD RECOGNITION</td>
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<td>Xenia Schmalz¹, Claudio Mulatti¹, Remo Job²</td>
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<td>¹ Universität degli Studi di Padova</td>
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<td>² Università degli Studi di Trento</td>
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<td>DEVELOPMENT OF THE PERCEPTUAL SPAN IN READING</td>
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<td>Jochen Laubrock, Johannes Meixner, Jinger Pan</td>
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<td>University of Potsdam</td>
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THE EFFECT OF WORKING MEMORY CAPACITY ON WORD RECOGNITION SPEED IN ARABIC SECOND GRADE READERS
Mohammed Elmir
University Sidi Mohamed Ben Abdellah

WORDGAME: INVESTIGATING VISUAL WORD RECOGNITION “IN THE WILD”
Sascha Schroeder
Max Planck Institute for Human Development, MPRG REaD

STEADY-STATE EVOKED POTENTIALS IN VISUAL WORD RECOGNITION
Veronica Montani, Jonathan Grainger, Johannes C. Ziegler
BLRI - LPL - CNRS & Université d'Aix-Marseille

15:20 – 17:20
Andalucia III Room
Symposium - SY01
IMPLICIT LEARNING: RESEARCH METHODS FOR THE NEXT DECADE
Chair:
David Shanks, University College London

Speakers:
DISSOCIATING IMPLICIT AND EXPLICIT PROCESSES OF EVALUATIVE LEARNING: CURRENT STATE AND FUTURE DIRECTIONS
Mandy Hüttter, Eberhard Karls Universität Tübingen

KNOWING WHEN TO SAY NO: THE IMPORTANCE OF USING BAYES FACTORS
Zoltan Dienes, University of Sussex

THE INSIGNIFICANCE OF AWARENESS TESTS IN IMPLICIT LEARNING EXPERIMENTS
Miguel A. Vadillo, King’s College London

THREE WAYS TO FOOL CONSCIOUSNESS’S RADAR, AND METHODOLOGICAL IMPLICATIONS THEREOF
Axel Cleeremans, Universite Libre de Bruxelles

REGRESSIVE RESEARCH: THE PITFALLS OF POST HOC DATA SELECTION IN THE STUDY OF UNCONSCIOUS MENTAL PROCESSES
David Shanks, University College London

DISCUSSION
15:20 – 17:00
Machado Room
Thematic Session – TS03
FALSE MEMORY
Chair:
Stephan Lewandowsky, University of Bristol

Speakers:
WITH SOCIAL PRESENCE COMES ACCURACY, WITH ISOLATION FALSE MEMORIES
Teresa Garcia Marques¹, Alexandre Fernandes², Marilia Prada³, Ricardo Fonseca Fonseca⁴
¹ ISPA- Instituto Universitário
² William James Center of Research
³ ISCTE- Instituto Universitário de Lisboa
⁴ William James Center of Research
PERCEPTUAL FALSE MEMORY FOR VISUALLY SIMILAR OBJECT DRAWINGS
Christoph Stahl, Laura Henze, Fabia Högden
University of Cologne

WHAT DETERMINES DECISIONS AND ACTIONS, BELIEVING THAT SOMETHING HAPPENED OR REMEMBERING IT?
Giuliana Mazzoni
University of Hull

THE NEURAL UNDERPINNINGS OF THE CONTINUED RELIANCE ON MISINFORMATION AFTER ITS CORRECTION
Stephan Lewandowsky, Andrew Gordon, Susanne Quadflieg
University of Bristol

FALSE MEMORIES AND FALSE PERCEPTIONS: A STUDY IN SPONTANEOUS CONFABULATION
M. Triviño1,2, E. Ródenas1,2, J. Lupiáñez1,3, M. Arnedo1,4
1 Mind, Brain and Behaviour Research Center. University of Granada, Spain
2 Neuropsychology Department. San Rafael University Hospital, Granada, Spain
3 Department of Experimental Psychology. University of Granada, Spain
4 Department of Psychobiology. University of Granada, Spain

15:20 – 17:20
Picasso Room

Thematic Session – TS04
METACOGNITION
Chair:
Rakefet Ackerman, Technion--Israel Institute of Technology

Speakers:
SHARED AND DISTINCT UTILIZATION OF ACCESSIBILITY FOR MONITORING THROUGHOUT PROBLEM SOLVING AND MEMORIZATION
Rakefet Ackerman, Yael Beller
Technion--Israel Institute of Technology

WHY ARE CHILDREN OVERCONFIDENT? DEVELOPMENTAL DIFFERENCES IN IMPLEMENTATION OF ACCESSIBILITY CUES WHEN JUDGING CONCEPT LEARNING
Mariette Van Loon1, Anique De Bruin2, Jimmie Leppink2, Claudia Roebers1
1 University of Bern
2 Maastricht University

PERCEPTUAL FLUENCY AFFECTS JUDGMENTS OF LEARNING WHEN FEELINGS OF FLUENCY ARE SALIENT
Monika Undorf1, Malte Zimdahl1, Daniel Bernstein2
1 University of Mannheim
2 Kwantlen Polytechnic University

IT’S CONTEXT ALL THE WAY DOWN: THE IMPACT OF FILLER-ITEM DIFFICULTY AND DEFAULT OPTIONS ON THE STRATEGIC REGULATION OF ACCURACY
Michelle Arnold, Toby Prike, Paul Williamson
School of Psychology, Flinders University
METAMEMORY IN A FAMILIAR PLACE: THE EFFECTS OF ENVIRONMENTAL CONTEXT ON FEELING OF KNOWING
Maciej Hanczakowski, Katarzyna Zawadzka, Harriet Collie, Bill Macken
1 Cardiff University
2 Nottingham Trent University

TASK-RELATED COGNITIVE INTERFERENCE IS NOT ALWAYS PRODUCTIVE
Christopher Was, Richard Hollis, Jesse Wray
Kent State University

15:20 – 17:20
Machuca Room

Symposium - SY02
THE ROLE OF TASK REPRESENTATION IN RESPONSE SELECTION
Chair:
Eric H. Schumacher, Georgia Institute of Technology
Eliot Hazeltine, University of Iowa

Speakers:
THE EFFECT OF TASK STRUCTURE ON CROSS-STIMULUS CONTROL
Eric H. Schumacher, Georgia Institute of Technology

EXPLORING STIMULUS-RESPONSE ASSOCIATIONS FORMED BY INSTRUCTION
Andrea Kiesel, University of Freiburg

HOW TASK REPRESENTATIONS GUIDE ATTENTION: THE SHIELDING FUNCTION OF TASK RULES
Gesine Dreisbach, University of Regensburg

CORTICO-STRIOATAL INTERACTIONS AND THE REPRESENTATION OF HIERARCHICAL TASK STRUCTURE
David Badre, Brown University

HIGH-DIMENSIONALITY NEURAL RESPONSES FOR LEARNING AND IMPLEMENTATION OF CONTEXT-DEPENDENT TASK RULES
Mattia Rigotti, IBM T.J. Watson Research Center

HOW TASK REPRESENTATIONS GUIDE CENTRAL OPERATIONS
Eliot Hazeltine, University of Iowa

15:20 – 17:20
Albeniz Room

Thematic Session – TS05
COGNITIVE CONTROL I
Chair:
Markus Janczyk, University of Tübingen

Speakers:
STIMULUS CONFLICT TRIGGERS BEHAVIORAL AVOIDANCE
David Dignath, Andreas Eder
1 University Freiburg
FEELING THE CONTEXT: THE ROLE OF CONTEXT-EVOKED CONFLICT EXPERIENCE IN CONTEXT-SPECIFIC CONFLICT ADAPTATION
Heiko Reuss, Wilfried Kunde
University of Würzburg

DISENTANGLING COMPONENTS OF PREPARATION FOR A TASK-SWITCH WITH COMBINED EEG AND EYE-TRACKING
Aureliu Lavric, Cai S. Longman, Heike Elchlepp, Stephen Monsell
University of Exeter

BOTTOM-UP REGULATION OF CONTROL IN DUAL-TASKING: SEQUENTIAL MODULATIONS OF BACKWARD CROSSTALK AND TASK-SHIELDING
Markus Janczyk
University of Tübingen

COMMON MECHANISMS OF INHIBITION REVEALED THROUGH DELTA PLOTS
Craig Hedge, Georgina Powell, Petroc Sumner
Cardiff University

TIME-RESOLVED DECODING OF TWO PROCESSING CHAINS DURING DUAL-TASK INTERFERENCE
Sebastien Marti\textsuperscript{1}, Jean-Remi King\textsuperscript{1}, Stanislas Dehaene\textsuperscript{1,2}
\textsuperscript{1} Inserm U992, NeuroSpin CEA
\textsuperscript{2} College de France

17:00 – 19:00
Central Hall

Coffee & Poster Session 1

18:30 – 19:30
Salón el Rey

Social Media Event
Putting the Public into Science and Making Science Public
Chair:
Stephan Lewandowsky, University of Bristol
Speakers:
Lou Shomette, Psychonomic Society
Richard Morey, Cardiff University
Melissa Võ, Goethe University

20:00 – 21:30
Welcome Reception
08:20 – 10:00
Falla Room
Symposium – SY03
STRESS ASSIGNMENT IN LANGUAGE PROCESSING
Chair:
Betty Mousikou, Royal Holloway, University of London

Speakers:
DOES A CANONICAL STRESS PATTERN FACILITATE WORD-LEARNING?
Robert Daland, University of California

MEGASTUDY OF SUBLexICAL CUES TO STRESS ASSIGNMENT IN ENGLISH: BEHAVIOURAL
AND COMPUTATIONAL DATA
Betty Mousikou, Royal Holloway, University of London

SUBLexICAL CUES TO STRESS ASSIGNMENT IN ENGLISH DISYLLABIC WORDS
Maria Ktori, Royal Holloway, University of London

STRESS EFFECTS ON ARTICULATORY PLANNING IN READING ALOUD
Simone Sulpizio, University of Trento, Fondazione Marica de Vincenzi ONLUS

STRESS ASSIGNMENT IN SPEECH PRODUCTION
Niels O. Schiller, Leiden University

08:00 – 10:00
Andalucia II Room
Thematic Session – TS06
ANIMAL LEARNING & COGNITION
Chair:
Juan M. Rosas, Universidad de Jaén

Speakers:
RESPONSE-FOOD DELAY GRADIENTS CONCURRENTLY ASSESSED FOR SEVERAL SCHEDULE-
INDUCED BEHAVIORS
Pedro Vidal, Valeria E. Gutiérrez-Ferre, Ricardo Pellón
Universidad Nacional de Educación a Distancia

A METHOD FOR RESOLVING OCCLUSIONS WHEN MULTITRACKING INDIVIDUALS IN A
SHOAL
Ruth Dolado¹, Elisabet Gimeno¹, Francesc S. Beltran¹, Vicenç Quera¹, José F. Pertusa²
¹ University of Barcelona
² University of Valencia

AMBIGUITY BOOSTS SUBSEQUENT LEARNING ABOUT TIME AND SPACE IN RATS
José E. Callejas-Aguilera, José A. Alcalá, José A. Aristizabal, Juan M. Rosas
Universidad de Jaén

M-KAKU: AN AGENT-BASED MODEL FOR THE EMERGENCE OF SEASONAL FISSION-FUSION
DYNAMICS
Ruth Dolado, Francesc S. Beltran, Elisabet Gimeno, Vicenç Quera
University of Barcelona
THE STIMULUS COMPARISON PROCESS IN RATS PERCEPTUAL LEARNING
Isabel De Brugada¹, Sergio Recio¹, Adela F. Iliescu¹, Rob Honey²
¹ Universidad de Granada
² University of Cardiff

08:00 – 10:00
Symposium – SY04
Andalucia III Room

INTEGRATING DECISION MODELS AND COGNITIVE CONTROL: THEORETICAL IMPLICATIONS AND CLINICAL APPLICATIONS
Chair:
Petroc Sumner, Cardiff University
Aline Bompas, Lyon Neuroscience Research Center
Jiaxiang Zhang, Cambridge University

Speaker:
DETERMINISM VS. STOCHASTICITY IN ACTION SELECTION
Aline Bompas, Lyon Neuroscience Research Center

STRIATUM CODES FOR THE DYNAMICS OF DECISION URGENCY IN THE HUMAN BRAIN
Birte U. Forstmann, University of Amsterdam

DECISION MAKING IN AUTISM SPECTRUM DISORDERS RE-EVALUATED THROUGH DIFFUSION MODELS
Georgie Powell, Cardiff University

HOW RESPONSE TIME DISTRIBUTIONS INFORM IMPULSIVITY IN NEURODEGENERATIVE DISEASES
Jiaxiang Zhang, Cambridge University

08:20 – 10:00
Thematic Session – TS07
Machado Room

PLASTICITY IN ACTION CONTROL CAN BE INDUCED BY LOW DOSES OF KETAMINE
Pierre Pouget, Institute of Brain and Spinal Cord (ICM), CNRS Paris

FACTORIZING OUT NON-DECISION TIME IN CHOICE RT
Francis Tuerlinckx, University of Leuven

Chair:
Tobias Tempel, University of Trier

Speaker:
MODALITY-SPECIFIC RETRIEVAL-INDUCED FORGETTING IN MOTOR MEMORY
Tobias Tempel, Christian Frings
University of Trier

ON TESTING THE STRENGTH INDEPENDENCE ASSUMPTION IN RETRIEVAL-INDUCED FORGETTING
Jeroen Raaijmakers
Friday May 6th

University of Amsterdam

RECOGNITION-INDUCED FORGETTING OF VISUAL OBJECTS
Ashleigh Maxcey
Tennessee State University

ACTION COORDINATION AND PROSPECTIVE MEMORY: INTENTION FULFILLMENT REQUIRES ONGOING-TASK INTERRUPTION
Jan Rummel¹, Ann-Katrin Wesslein², Thorsten Meiser³
¹ Heidelberg University
² University of Trier
³ University of Mannheim

PREDICTING PROSPECTIVE MEMORY PERFORMANCE FROM VARIATIONS OF ATTENTION: A HIERARCHICAL MODEL ANALYSIS OF PROSPECTIVE MEMORY AND TIME COSTS
Thorsten Meiser³, Merle Steinwascher¹, Jan Rummel²
¹ University of Mannheim
² Heidelberg University

08:00 – 10:00
Picasso Room

Symposium – SY05
RELATIONSHIP BETWEEN SELECTIVE ATTENTION AND WORKING MEMORY: NEW INSIGHTS FROM EVENT-RELATED EEG LATERALIZATIONS
Chair:
Thomas Töllner, Ludwig-Maximilians-University Munich
Veronica Mazza, University of Trento

Speakers:
ATTENTION’S GAS PEDAL
Geoffrey F. Woodman, Vanderbilt University

DISTRACTOR TEMPLATES IN VISUAL SEARCH: EVIDENCE FOR WITHIN-TRIAL ADJUSTMENTS OF ATTENTION TO ACTIVELY SUPPRESS DISTRACTOR-RELATED INFORMATION
Thomas Töllner, LMU Munich

THE COSTS AND BENEFITS OF CHUNKING IN WORKING MEMORY DURING VISUAL SEARCH
Rachel Wu, University of California Riverside

MULTIPLE OBJECT INDIVIDUATION AND AGING
Veronica Mazza, University of Trento

WHEN UPDATING FAILS: NEURAL AND BEHAVIORAL EVIDENCE FOR A RESETTING PROCESS IN VISUAL WORKING MEMORY
Roy Luria, Tel-Aviv University

DISCUSSION SESSION
John Duncan, University of Cambridge

08:20 – 10:00
Machuca Room

Symposium – SY06
THE EFFECT OF PRIOR BRAIN STATES ON INFORMATION PROCESSING
Friday May 6th

**Chair:**
Deborah Talmi, University of Manchester
Wael El-Deredy, University of Manchester

**Speakers:**

THE BAYESIAN FRAMEWORK FOR INFORMATION PROCESSING AND MINIMISATION OF UNCERTAINTY IN THE BRAIN
Nelson Trujillo-Barreto, University of Manchester

EXPECTATIONS AS EFFICIENT INFORMATION PROCESSING
Wael El-Deredy, University of Manchester

A BAYESIAN MODEL OF PAIN SELF-REPORT SHOWS VARIABILITY IN THE INFLUENCE OF PRIOR EXPECTATIONS BETWEEN INDIVIDUALS
Deborah Talmi, University of Manchester

A NEUROBIOLOGICAL MODEL OF EXPECTANCY EFFECTS ON PAIN
Christopher Brown, University of Liverpool

EFFECT OF EXPECTATION ON PRE-STIMULUS ALPHA ACTIVITY AND THE SUBSEQUENT SUBJECTIVE EXPERIENCE OF PAIN
Donna Lloyd, University of Leeds

10:00 – 12:40
Central Hall

Coffee & Poster Session 2

11:00 – 12:40
Falla Room

**Thematic Session – TS08**

LETTER/WORD PROCESSING II

**Chair:**
Avital Deutsch, The Hebrew University

**Speakers:**

DECOMPOSITION IN A NON-CONCATENATED MORPHOLOGICAL STRUCTURE: NOT ONLY THE ROOTS
Avital Deutsch, Tamar Michali
The Hebrew University

A HIERARCHICAL GENERATIVE MODEL OF LETTER PERCEPTION BASED ON RECYCLING OF NATURAL IMAGE FEATURES
Marco Zorzi\(^1,3\), Alberto Testolin\(^1\), Ivilin Stoianov\(^2\)
\(^1\) Department of General Psychology, University of Padova
\(^2\) Laboratoire de Psychologie Cognitive, CNRS & Aix-Marseille Université
\(^3\) IRCCS San Camillo Neurorehabilitation Hospital, Venice-Lido

THE LOCUS OF LETTER-SPECIFIC POSITION CODING MECHANISMS
Stéphanie Massol\(^1,2\), Manuel Carreiras\(^1,3\), Jonathan Grainger\(^4\), Jon Andoni Duñabeitia\(^1\)
\(^1\) Basque Center on Cognition, Brain and Language
\(^2\) Université de Nîmes
\(^3\) IKERBASQUE, Basque Foundation for Science
COMPARING MISSES IN LETTER DETECTION AND READING ALOUD
Alice Healy, Tessa Zangara
University of Colorado

ARE IRREGULAR AND INCONSISTENT ENGLISH WORDS PREDICTABLE?
Anastasia Ulicheva¹, Max Coltheart²
¹ University of Hong Kong
² Macquarie University

11:00 – 12:40
Andalucia I+II Room

Thematic Session – TS09
EMBODIED COGNITION
Chair:
Magda Dumitru, METU

Speakers:
DO TALLER PEOPLE THINK MORE ABSTRACTLY? A TEST OF THE BODY-SPECIFICITY HYPOTHESIS
Daniel Casasanto, Ché Lucero, Amanda Dobbyn
University of Chicago, Psychology Department

A META-ANALYSIS OF TEMPERATURE-BEHAVIOUR EFFECTS IN EXPERIMENTAL STUDIES
Dermot Lynott¹, Katherine Corker², Louise Connell², Kerry O’Brien³
¹ Lancaster University
² Kenyon College
³ Monash University

GESTALT REASONING: PERCEPTUAL COMPATIBILITY EFFECTS EVOKED BY COORDINATION DESCRIPTIONS
Magda Dumitru¹, Gitte Joergensen²
¹ METU
² University of Connecticut

NEW RESPONSE PATTERNS IN POINT-TO-ORIGIN TASKS DEPENDING ON STIMULUS TYPE AND RESPONSE MODE
Bernhard E. Riecke, Ekaterina R. Stepanova, Alexandra Kitson
Simon Fraser University

THE EFFECTS OF EMOTIONAL FACIAL EXPRESSION OF HAPPINESS AND SADNESS ON TIME PERCEPTION IN PATIENTS WITH PARKINSON’S DISEASE
Giovanna Mioni², Simon Grondin², Franca Stablum²
¹ Department of General Psychology, University of Padova
² Department of Psychology

11:00 – 12:40
Andalucia III Room

Thematic Session – TS10
SPATIAL COGNITION
Chair:
Pom Charras, University of Paul Valery, UMR7291 Laboratoire de Neurosciences Cognitives
Speakers:

SINGLE-DESTINATION NAVIGATION IN A MULTIPLE-DESTINATION TASK: A NEW “LATER-DESTINATION ATTRACTOR” BIAS IN ROUTE CHOICE
En Fu¹, Beverly Roskos¹, Mary Bravo²
¹ University of Alabama
² Rutgers University

SPATIAL INTERFERENCE ON TEMPORAL JUDGMENTS: EFFECT OF DEPTH IN CHILDREN AND ADULTS
Pom Charras¹,², Sylvie Droit-Volet³, Claire Brechet¹, Jennifer Coull²
¹ University of Paul Valery
² University of Clermont-Ferrand
³ UMR7291 Laboratoire de Neurosciences Cognitives CNRS

GENERALIZING EFFECTS OF TYPES OF LOW VISION AND AGE ON SPATIAL LEARNING WHILE NAVIGATING
Kristina Rand, Erica Barhorst, William Thompson, Sarah Creem-Regehr
University of Utah

DEADLINES IN SPACE: SELECTIVE EFFECTS OF COORDINATE SPATIAL PROCESSING IN MULTITASKING
Timo Mäntylä¹, Ivo Todorov¹, Veit Kubik¹, Fabio Del Missier²
¹ Stockholm University
² University of Trieste and Stockholm University

INTEGRATING SPATIAL INFORMATION ACROSS EXPERIENCES
Marios Avraamides
University of Cyprus

10:40 – 12:40
Machado Room

Symposium – SY07
CURRENT DIRECTIONS IN HINDSIGHT-BIAS RESEARCH
Chair:
Julia Groß, Heinrich-Heine-Universität Düsseldorf
Daniel M. Bernstein, Kwantlen Polytechnic University

Speakers:

THE ROLE OF EXECUTIVE FUNCTION AND GENERAL ATTENTION IN HINDSIGHT BIAS
Patricia I. Coburn, Simon Fraser University

HINDSIGHT BIAS AND INHIBITORY CONTROL ACROSS THE LIFESPAN
Rüdiger F. Pohl, Universität Mannheim

THE USE OF HIERARCHICAL MULTINOMIAL MODELLING IN DECOMPOSING THE HINDSIGHT BIAS
Nina R. Arnold, Universität Mannheim

INEVITABILITY AND FORESEEABILITY OF EVENTS
Friday May 6th

Hartmut Blank, University of Portsmouth

THE ROLE OF HINDSIGHT BIAS IN DEPRESSION
Julia Groß, Heinrich-Heine-Universität Düsseldorf

DISCUSSION
Edgar Erdfelder, Universität Mannheim

11:00 – 12:40
Picasso Room

Symposium – SY08
HUMAN AND DIGITAL MEMORY
Chair: Robert H. Logie, University of Edinburgh

Speaker:
RETRIEVAL-INDUCED FORGETTING AND DIGITAL LIFE-LOGGING
Geoff Ward, University of Essex

A FUZZY TRACE THEORY OF RISKY DECISION MAKING
Valerie F. Reyna, Cornell University

PRESERVING AND FORGETTING IN HUMAN AND DIGITAL MEMORY
Robert H. Logie, University of Edinburgh

SCHEMA EMERGENCE DURING PROCESSING: LONG TERM MEMORY SIMULATIONS
Gisela Susanne Bahr, Florida Institute of Technology

DISCUSSION
Nelson Cowan, University of Missouri

11:20 – 12:40
Machuca Room

Symposium – SY09
SPATIAL MAPPINGS OF TIME AND NUMBER: COMMONALITIES AND DISTINCTIONS
Chair: Daniel Casasanto, University of Chicago
Julio Santiago, University of Granada
Mario Bonato, Ghent University

Speakers:
HOW VISION SHAPES SPATIAL REPRESENTATIONS OF TIME AND NUMBERS
Roberto Bottini, University of Trento

SPACE-TIME DISTORTIONS MIRROR SPACE-NUMBER DISTORTIONS IN NEGLECT PATIENTS
Mario Bonato, Ghent University

EXPERIENTIAL ORIGINS OF THE MENTAL TIME LINE AND THE MENTAL NUMBER LINE
Benjamin Pitt, University of Chicago

RELATIONSHIPS BETWEEN SPACE, TIME, AND NUMBER: INSIGHTS FROM LANGUAGE ACQUISITION
Daniel Casasanto, University of Chicago
**PLENARY LECTURE**

**FRонтoparietal Control Systems in the Assembly of Cognitive Episodes**

*Keynote Speaker:*
John Duncan, University of Cambridge

*Sponsored by SEPEX*

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**13:40 – 15:20**

**Lunch & Break**

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**15:20 – 17:00**

**Thematic Session – TS11**

**LANGUAGE PROCESSING I**

*Chair:*
Chris Westbury, University of Alberta

*Speakers:*

**Motor Actions Cause Qualitative Changes in Action Language Understanding**
Andrea Flumini¹, Omar Escámez², Gabriella Vigliocco², Daniel Casasanto³, Julio Santiago¹

¹ Mind, Brain, and Behavior Research Center, University of Granada
² Dept. of Experimental Psychology, University College London
³ Dept. of Psychology, University of Chicago

**When the Container Affects the Content: Semantic Priming Vanishes for Foreign-Accented Speakers**
Carlos Romero-Rivas, Albert Costa
Center for Brain and Cognition, Universitat Pompeu Fabra

**Imaging Imageability: Neural Correlates of Its Interaction with Affect and Context**
Chris Westbury, Jacqueline Cummine
University of Alberta

**Does Sentential Negation Relies on Action Inhibition Neural Processes? Evidence from Frontal Theta Rhythms**
Manuel De Vega¹, Inmaculada Leon¹, Manuel Martin-Loeches², David Beltran³, Yurena Morera¹, Pilar Casado³

¹ University of La Laguna
² University Complutense of Madrid, Center for Human Evolution and Behavior

**The Nature of Semantic Priming by Subliminal Spatial Words. Embodied or Disembodied?**
Roberto Bottini¹, Madalina Bucur², Davide Crepaldi³,⁴

¹ CIMeC, University of Trento
² University of Milan-Bicocca
³ SISSA
⁴ Milan Center for Neuroscience

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**15:20 – 17:00**

**Thematic Session – TS12**

**LANGUAGE DISORDERS**
Friday May 6th

Chair:
David Saldaña, University of Seville

Speakers:
PREDICTING INDIVIDUAL DYSLEXIA PATTERNS AND INTERVENTION STRATEGIES THROUGH COMPUTATIONAL MODELLING
Johannes Ziegler1, Marco Zorzi2, Conrad Perry3
1 University Aix-Marseille and CNRS
2 Università di Padova
3 Swinburne University of Technology

PERCEPTION OF IDS BY CHILDREN WITH DYSLEXIA
Victoria Leong, Liana Amunts, Usha Goswami
Department of Psychology, University of Cambridge

INFERENCE GENERATION WHILE READING IN HIGH-FUNCTIONING CHILDREN AND ADOLESCENT WITH AUTISM: AN EYE MOVEMENT STUDY
Martina Micai1, Holly Joseph2, Mila Vulchanova3, David Saldaña1
1 University of Seville
2 University of Reading
3 Norwegian University of Science & Technology

PARENTAL SPEECH TO TYPICALLY AND NON-TYPICALLY DEVELOPING TODDLERS
Luca Onnis1, Anna Truzzi2, Paola Venuti2, Arianna Bentenuto2, Gianluca Esposito2, Shimon Edelman3
1 Nanyang Technological University
2 University of Trento
3 Cornell University

15:20 – 17:00
Andalucia III Room

Thematic Session – TS13
COGNITIVE CONTROL II

Chair:
M. Rosario Rueda, Universidad de Granada

Speakers:
INFLUENCE OF FAMILY SES ON THE EARLY DEVELOPMENT OF EXECUTIVE ATTENTION.
Angela Conejero, Sonia Guerra, M. Rosario Rueda
University of Granada

PREDICTING THE ABILITY MOMENT-BY-MOMENT TO AVOID EMOTIONAL DISTRACTION IN MID-ADOLESCENCE
Marie Banich1, Harry Smolker1, Tor Wager3, Hannah Snyder2, Benjamin Hankin2, Detre Godinez2, Jarrod Lewis-Peacock3
1 University of Colorado Boulder
2 Denver University
3 University of Texas at Austin

METACOGNITIVE STRATEGIES ENHANCED THE EFFECT OF ATTENTION TRAINING ON BRAIN
ACTIVATION RELATED TO COGNITIVE CONTROL IN PRE-SCHOOL AGED CHILDREN
Joan Paul Pozuelos López¹, Lina M. Combita², Alicia Abundis³, Pedro M. Paz-Alonso², M. Rosario Rueda¹
¹ Universidad de Granada
² BCBL

YOUNG CHILDREN’S ATTENTIONAL PROBLEMS ARE PREDICTED BY EARLY INHIBITORY CONTROL AND CORTISOL STRESS REACTIVITY
Elizabeth Hayden, Katie Kryski, Haroon Sheikh, Heather Smith
University of Western Ontario

A TASK SWITCHING ASYMMETRY IN LEXICAL DECISION
Walter Gerbino³, Paolo d’Errico³, Cristina Burani²,¹
¹ Department of Life Sciences, University of Trieste
² Institute of Cognitive Sciences and Technologies, CNR

15:20 – 17:00
Thematic Session – TS14
Machado Room

DEVELOPMENT
Chair:
Lina M. Combita, Center for Research on Mind, Brain and Behavior (CIMCYC), University of Granada

Speakers:
THE MISMEASUREMENT OF MIND: WHY NEUROPSYCHOLOGICAL TEST RESULTS OVERESTIMATE COGNITIVE DECLINE
Michael Ramscar, Ching Sun Sun, Peter Hendrix, Harald Baayen
Eberhard Karls University

ENCODING EFFECTS OF PERCEPTUAL AND SEMANTIC MNEMONIC REPRESENTATIONS ON TOP-DOWN BIASES ACROSS DEVELOPMENT
Andria Shimi
University of Oxford

COGNITIVE AND NEURAL MARKERS OF CHILDREN’S EXECUTIVE ATTENTION AND REWARD PROCESSING: INFLUENCE OF VARIATION IN THE SLC6A3/DAT1 GENE
Lina M. Combita, María T. Martinez-Navarrete, Gustavo Gil, M. Rosario Rueda
Center for Research on Mind, Brain and Behavior (CIMCYC), University of Granada

A NEURAL MARKER OF IMPAIRED FEATURE INTEGRATION IN VISUAL FACE MEMORY IN DEVELOPMENTAL PROSOPAGNOSIA
John Towler, Martin Eimer
Birkbeck, University of London

15:20 – 17:00
Symposium - SY10
Picasso Room

NEW APPROACHES TO THE STUDY OF SOCIAL ASPECTS OF MEMORY
Chair:
William Hirst, New School for Social Research
Charles B. Stone, John Jay College of Criminal Justice
Friday May 6th

Speakers:

THE EVOLUTION OF EMBODIED MEMORIES AS EFFECT OF SOCIAL INTERACTION
Lucas M. Bietti, University of Neuchatel

COLLABORATIVE REMEMBERING OF WWII MEMORIES THROUGH FAMILIES’ DISCUSSION
Aurelie Van Der Haegan, Université Catholique de Louvain

COLLABORATIVELY CRAFTING A STORY (MODEL): THE MNEMONIC CONSEQUENCES OF
SOCIALLY SHARED RETRIEVAL-INDUCED FORGETTING WITHIN JURY DELIBERATIONS
Charles B. Stone, John Jay College of Criminal Justice

JOINT ENCODING EFFECTS ON MEMORY: THE ROLE OF OXYTOCIN AND PHYSICAL CO-
PRESENCE
Ullrich Wagner, University of Münster

DISCUSSION

15:40 – 17:00
Machuca Room

Symposium – SY11
THE ROOTS OF HUMAN METACOGNITION

Chair:
J. David Smith, Georgia State University
Michael J Beran, Georgia State University

Speakers:
THE EVOLUTIONARY ROOTS OF METACOGNITION
J. David Smith, Georgia State University

METACOGNITIVE MONITORING DURING (IMPLICIT) PROCEDURAL LEARNING
F. Gregory Ashby, University of California

COGNITIVE MONITORING AND COGNITIVE CONTROL IN MONKEYS
Robert R. Hampton, Emory University

INFORMATION-SEEKING BEHAVIOR AND CONFIDENCE JUDGMENTS BY CHIMPANZEEs
Micheal J. Beran, Georgia State University

17:00 – 17:20
Coffee

17:20 – 19:00
Falla Room

Thematic Session – TS15
LANGUAGE PROCESSING II

Chair:
Elisabet Service, McMaster University

Speakers:
INFLUENCE OF WORKING MEMORY LOAD ON LANGUAGE-MEDIATED EYE MOVEMENTS
Ramesh Mishra, Seema Prasad
University of Hyderabad

COMPLEX SPAN EVIDENCE FOR SHARED RESOURCES BETWEEN SENTENCE PROCESSING
AND WORKING MEMORY
Cassandra Chapman, Elisabet Service
McMaster University

LINKING RECOGNITION AND PRODUCTION: CROSS-MODAL TRANSFER EFFECTS BETWEEN PICTURE NAMING AND LEXICAL DECISION IN L1 AND L2
Eva Van Assche\textsuperscript{1}, Wouter Duyck\textsuperscript{1}, Tamar H Gollan\textsuperscript{2}
\textsuperscript{1} Ghent University
\textsuperscript{2} University of California

BEYOND DECOMPOSITION: PROCESSING ZERO-DERIVATIONS IN ENGLISH VISUAL WORD RECOGNITION
Linda Wheeldon\textsuperscript{1}, Christos Pliatsikas\textsuperscript{2}, Peter Hanson\textsuperscript{1}, Debra Malpass\textsuperscript{1}, Aditi Lahiri\textsuperscript{2}
\textsuperscript{1} University of Birmingham
\textsuperscript{2} University of Reading

SPEECH SEGMENTATION BY STATISTICAL LEARNING IN YOUNG, MIDDLE-AGED, AND OLDER ADULTS
Shekella Palmer, James Hutson, Sven Mattys
University of York

17:20 – 19:00
Thematic Session – TS16
COMPLEX COGNITION
Chair: Inmaculada Escudero, National Distance Education University

Speakers:
WHEN SCRIPT IS NOT ESSENTIAL: EFFECTS OF DIRECTIONAL SCANNING OF SPEECHLESS COMICS ON LATERAL SPATIAL BIASES IN LANGUAGE COMPREHENSION
Antonio Román, Andrea Flumini, Julio Santiago
Mind, Brain, and Behavior Research Center, University of Granada

WHATEVER HAPPENED TO THE BIOLOGY IN “THE RELATIONSHIP IN (BIOLOGY AND) EXPERIENCE BETWEEN VARIOUS TYPES OF AFFECT?”
Asghar Iran-Nejad, Catanya Stager
University of Alabama

ONLINE PROCESSING FOR READING RELEVANT AND IRRELEVANT TEXT INFORMATION: EVIDENCE FROM EYE-TRACKING STUDY
Inmaculada Escudero\textsuperscript{1}, Lorena M. Arnal\textsuperscript{2}, Jose David Moreno\textsuperscript{2}, Jose A. León\textsuperscript{2}, Ricardo Olmos\textsuperscript{2}, Marcos Ruiz\textsuperscript{1}, José M. Igoa\textsuperscript{2}, Manuel Froufe\textsuperscript{2}
\textsuperscript{1} National Distance Education University
\textsuperscript{2} Universidad Autónoma de Madrid

A NEW AND IMPLICIT TOOL TO ASSESS THE SEVERITY OF DEPRESSION: THE TIME MACHINE
Nicolas Spatola\textsuperscript{1}, Julio Santiago\textsuperscript{2}, Marc Ouellet\textsuperscript{2}
\textsuperscript{1} Clermont Université, Université Blaise Pascal, Laboratoire de Psychologie Social
Friday May 6th

EMBODIED COGNITION AND CONSTRUCTED BODIES
Hasan Gürkan Tekman
Uludag University

17:20 – 19:00
Andalucia III Room
Symposium - SY12

BIG DATA: THE NEW WAY FORWARD IN LANGUAGE RESEARCH
Chair: Marc Brysbaert, Ghent University

Speakers:
ERP KILOWORD STUDIES: USING ELECTROPHYSIOLOGICAL DATA TO EXAMINE THE TIME COURSE OF WORD PROCESSING TO WRITTEN AND SPOKEN WORDS
Phillip J. Holcomb, San Diego State University

QUALITY, NOT QUANTITY. REGISTER IS MORE IMPORTANT THAN SIZE IN CORPUS–BASED FREQUENCY ESTIMATION
Davide Crepaldi, University of Milano Bicocca, Milan Center for Neuroscience

MODELING HUMAN COLOUR PREFERENCES FROM JUDGMENTS OF RANDOM COLOUR COMBINATIONS
Geoff Hollis, University of Alberta

MOVING BEYOND THE MONOSYLLABLE IN MODELS OF SKILLED READING: MEGA-STUDY OF DISYLLABIC NONWORD READING
Kathy Rastle, Royal Holloway, University of London

HOW MANY WORDS DO WE KNOW? ESTIMATES OF VOCABULARY SIZE DEPENDENT ON THE DEGREE OF LANGUAGE INPUT AND THE PARTICIPANT’S AGE
Marc Brysbaert, Ghent University

17:20 – 19:00
Machado Room
Symposium - SY13

PHYSICAL ACTIVITY AND COGNITIVE TRAINING FOR HEALTHY BRAIN AGING
Chair: Soledad Ballesteros, Universidad Nacional de Educación a Distancia

Speakers:
LIFE–LONG PHYSICAL ACTIVITY IS RELATED TO HIGHER PERFORMANCE IN EXECUTIVE TASKS AND FUNCTIONAL BRAIN CHANGES
Patrick D. Gajewski, Leibniz Research Centre for Working Environment and Human Factors

THE EFFECT OF COGNITIVE TRAINING ON THE BRAIN ACTIVATION OF OLDER ADULTS: A TEST OF THE INTERACTIVE MODEL
Sylvie Belleville, Institut Universitaire de Gériatrie de Montreal and Université de Montréal

ENGAGEMENT IN MENTALLY-EFFORTFUL ACTIVITIES ENHANCES COGNITIVE FUNCTION AND NEURAL EFFICIENCY IN OLDER ADULTS
Denise C. Park, University of Texas at Dallas
VIDEO GAME TRAINING ENHANCES VISUOSPATIAL WORKING MEMORY IN OLDER ADULTS
Soledad Ballesteros, Universidad Nacional de Educación a Distancia

DISCUSSION
Denise C. Park, University of Texas at Dallas

17:20 – 19:00
Symposium - SY14
Picasso Room
BENCHMARKS OF WORKING MEMORY
Chair:
Stephan Lewandowsky, University of Bristol, University of Western Australia

Speakers:
WHAT ARE BENCHMARKS AND WHY DO WE NEED THEM?
Klaus Oberauer, University of Zurich

THE EXPERTS' VIEW ON WORKING MEMORY
Stephan Lewandowsky, University of Bristol, University of Western Australia

CAN PHENOMENA BE STATED IN A THEORY-NEUTRAL MANNER?
Nelson Cowan, University of Missouri

USING BENCHMARKS TO ADVANCE WORKING MEMORY THEORY
Candice Morey, University of Edinburgh

DISCUSSION
Alan Baddeley, University of York

17:20 – 18:40
Thematic Session – TS17
Machuca Room
NUMERICAL COGNITION
Chairs:
Bert Reynvoet, KU Leuven

Speakers:
AUTOMATIZATION THROUGH PROCEDURE ACCELERATION VS. MEMORY RETRIEVAL: THE CASE OF MENTAL ADDITION
Catherine Thevenot¹, Kim Uittenhove², Caroline Castel²
¹ University of Lausanne
² University of Geneva

DIFFUSION MODELING OF THE APPROXIMATE NUMBER SYSTEM
Roger Ratcliff, Gail McKoon
The Ohio State University

DECIDING THERE ARE MORE STRAWBERRIES THAN APPLES IS MORE DIFFICULT THAN DECIDING THERE ARE MORE APPLES THAN STRAWBERRIES
Bert Reynvoet
KU Leuven

THE EFFECT OF TRAINING ON TACTILE ENUMERATION
Zahira Cohen, Avishai Henik
*Ben-Gurion University of the Negev*

20:00  Visit to the Alhambra
08:20 – 10:00
Falla Room
Symposium – SY15
BILINGUAL READING AND LANGUAGE CONTROL
Chair:
Marc Brysbaert, Ghent University
Speakers:
A CORPS STUDY OF BILINGUAL READING
Nicolas Dirix, Ghent University
LEARNING A NEW LANGUAGE IN THE ELDERLY
Jon Andoni Duñabeitia, BCBL San Sebastian
HOW DOES SWITCHING DIRECTION AFFECT READING AND LISTENING TO CODE-SWITCHED
SENTENCES? ELECTROPHYSIOLOGICAL AND BEHAVIORAL EVIDENCE
Janet G. Van Hell, Pennsylvania State University
BILINGUAL INHIBITION DURING NAMING AND READING: EVIDENCE FROM N-2 LANGUAGE
REPETITION COSTS
Mathieu Declerck, Marseille University
WORD PROCESSING: SEMANTICS AND BEYOND
Alice Foucart, University Pompeu Fabra

08:00 – 10:00
Andalucia I+II Room
Thematic Session – TS18
LANGUAGE PROCESSING III
Chair:
Jennifer Rodd, University College London
Speaker:
WORD-MEANING INDUCTION FROM MINIMAL EXPOSURE TO NATURAL TEXT: A MULTI-
MODAL COMPUTATIONAL MODEL
Marco Marelli, Angeliki Lazaridou, Marco Baroni
University of Trento
STRONGLY VERSUS WEAKLY PERCEPTUAL: WHY THE ABSTRACT/CONCRETE DISTINCTION
HAS OUTSTAYED ITS WELCOME
Louise Connell, Dermot Lynott
Lancaster University
LISTENERS USE EXPERIENCE ACROSS A RANGE OF TIMESCALES TO GUIDE THE
INTERPRETATION OF AMBIGUOUS WORDS
Jennifer Rodd, Zhenguang Cai
University College London
PUPIL SIZE REFLECTS SEMANTIC BRIGHTNESS OF WORDS
Sebastiaan Mathôt¹, Jonathan Grainger¹, Kristof Strijkers²
¹ Laboratoire de Psychologie Cognitive, UMR 7290, CNRS, Aix-Marseille Université
² Laboratoire Parole et Langage, UMR 7309, CNRS, Aix-Marseille Université
08:00 – 10:00
Symposium – SY16
Andalucia III Room

EXPLORING RELATIONSHIPS BETWEEN TWO PROCESS THEORIES OF ATTENTION SHIFTTING AND DUAL-STREAM MODEL OF VISION

Chair:
Anthony Lambert, University of Auckland

Speakers:
EFFECTS OF CUE EXPOSURE TIME AND LUMINANCE CONTRAST ON ATTENTION SHIFTTING IN RESPONSE TO LANDMARK CUES AND IDENTITY CUES
Jaimie Wilkie, University of Auckland

EFFECTS OF LOW-LUMINANCE PERIPHERAL LANDMARKS ON EYE MOVEMENTS
Anthony Lambert, University of Auckland

IMPLICIT SEMANTIC EXPECTANCIES CAN LEAD TO DETECTION COSTS (DORSAL STREAM?) AND IDENTIFICATION BENEFITS (VENTRAL STREAM?)
Juan Lupiáñez, University of Granada

SEMANTIC AND SYNTACTIC PROCESSING ALONG SELECTIVE AND NONSELECTIVE PATHWAYS
Melissa Le-Hoa Vô, Goethe University Frankfurt

ENDOGENOUS AND EXOGENOUS ORIENTING MECHANISMS AND THEIR RELATION TO CONSCIOUS PERCEPTION
Ana B. Chica, University of Granada

SELECTIVE ATTENTION FOR BIOLOGICALLY RELEVANT INFORMATION IN REEL VS. REAL SITUATIONS
Alan Kingstone, University of British Columbia

DISCUSSION

08:40 – 10:00
Symposium – SY17
Machado Room

THE CONFIDENCE-ACCURACY RELATIONSHIP: NEW ANALYTIC METHODS CRITICALLY AMEND VIEWS OF EYEWITNESS IDENTIFICATION ACCURACY

Chair:
Kathy Pezdek, Claremont Graduate University

Speakers:
THE RELATIONSHIP BETWEEN CONFIDENCE AND ACCURACY FOR EYEWITNESS IDENTIFICATIONS MADE FROM SIMULTANEOUS AND SEQUENTIAL POLICE LINEUPS
Laura Mickes, University of London

THE CONFIDENCE-ACCURACY RELATIONSHIP IN MEMORY FOR SAME-AND CROSS-RACE FACES
Kathy Pezdek, Claremont Graduate University
Thao B. Nguyen, Claremont Graduate University

USING LINEUP INSTRUCTIONS TO MANIPULATE RESPONSE BIAS AND ITS RELATIONSHIP TO CONFIDENCE-BASED ROCs IN EYEWITNESS IDENTIFICATION
Stacy A. Wetmore, University of London

EYEWITNESS CONFIDENCE: PERCEPTION AND ACCURACY
Chad Dodson, University of Virginia

08:00 – 10:00
Picasso Room

Symposium – SY18

DOMAINE-GENERAL AND DOMAIN-SPECIFIC SERIAL ORDER MECHANISMS IN WORKING MEMORY
Chair:
Satoru Saito, Kyoto University

Speakers:
RECALLING VISUAL SERIAL ORDER FOR VERBAL SEQUENCES
Robert H. Logie, University of Edinburgh

DOMAIN-SPECIFIC INTERFERENCE IN SERIAL ORDER MEMORY
Alexander Soemer, University of Postdam

PERCEPTUAL-MOTOR PROCESSING IN SHORT-TERM MEMORY AND THE EMERGENCE OF
DOMAIN GENERALITY AND SPECIFICITY
Bill Macken, Cardiff University

WHAT SECONDARY TASKS REVEAL ABOUT IMMEDIATE SERIAL RECALL
Ian Neath, Memorial University of Newfoundland

A DOMAIN-GENERAL MODEL OF DOMAIN-SPECIFIC EFFECTS IN WORKING MEMORY
Klaus Oberauer, University of Zurich

DISCUSSION
Nelson Cowan, University of Missouri

08:20 – 10:00
Machuca Room

Symposium – SY19

THE ADOLESCENT BRAIN: RISKY BEHAVIOR IN ADOLESCENCE
Chair:
Rotem Leshem, Bar-Ilan University

Speakers:
COGNITIVE DEFICITS AS RISK FACTORS FOR DEVELOPING EATING DISORDERS DURING
adolescence
Revital Naor-Ziv, Bar-Ilan University

DEVELOPMENT OF RISK TAKING, PERSPECTIVE TAKING, AND INHIBITORY CONTROL
DURING ADOLESCENCE
Iroise Dumontheil, University of London

NEURAL ACTIVITY RELATED TO RESPONSE INHIBITION AT AGE 14 PROSPECTIVELY PREDICTS
TRANSITION TO REGULAR SMOKING AT AGE 18: A LONGITUDINAL STUDY
Andrey Anokhin, Washington University School of Medicine

DEALING WITH UNCERTAINTY: RISK AND AMBIGUITY PROCESSING ACROSS DEVELOPMENT
Saturday May 7th

PROGRAMME

Anna C. Van Duijvenvoorde, Leiden University

RELATIONSHIPS BETWEEN IMPULSIVITY, ANXIETY, AND RISK-TAKING AND NEURAL CORRELATES OF ATTENTION IN ADOLESCENTS
Marc N. Potenza, Yale University School of Medicine, Connecticut Mental Health Center

08:20 – 10:00
Albeniz Room

Thematic Session – TS19
REASONING I
Chair:
Mitchell Rabinowitz, Fordham University

Speakers:
COGNITIVE SOPHISTICATION AS A PREDICTOR OF VICTIM BLAMING
Jamie Prowse Turner, Anomi Bearden, Jazmyn Borgel
Red Deer College

MINDSET MATTERS: HUMAN-CENTRIC OVERSHADOWS MIND-WANDERING FOR IDEATION
Juliet Chou1, Barbara Tversky2
1 Columbia Teachers College
2 Columbia/Stanford

CONTEXTUAL DETERMINATION OF ADOLESCENT LIE- AND TRUTH-TELLING
Catherine Ann Cameron1, Jesse Lo1, Alessandra Ribeiro2
1 University of British Columbia
2 Universidade Federal De Santa Catarina: UFSC

DEVELOPMENTAL AND INSTRUCTIONAL CHANGES IN INTUITIVE BIOLOGICAL THOUGHT
John Coley1, Kimberly Tanner2
1 Northeastern University
2 San Francisco State University

INDIVIDUAL DIFFERENCES IN KNOWLEDGE ORGANIZATION PREFERENCES AND REASONING
Mitchell Rabinowitz, Brookyn Do, Elena Thomopoulos
Fordham University

10:00 – 12:40
Central Hall

Coffee & Poster Session 3

11:00 – 12:40
Falla Room

Thematic Session – TS20
LANGUAGE PRODUCTION
Chair:
Lise Abrams, University of Florida

Speakers:
AN ELUSIVE CAUSAL RELATIONSHIP BETWEEN EMOTIONAL AROUSAL AND TIP-OF-THE-TONGUE STATES
Lise Abrams1, Danielle Davis2, Lori James2
1 University of Florida
2 University of Colorado, Colorado Springs
THE INFLUENCE OF ORTHOGRAPHIC EXPERIENCE ON THE DEVELOPMENT OF PROXIMATE UNIT IN SPOKEN WORD PRODUCTION
Chuchu Li
University of California, San Diego

UNIFYING STRUCTURAL PRIMING EFFECTS ON SYNTACTIC CHOICES AND TIMING OF SENTENCE GENERATION
Katrien Segaert¹,², Linda Wheeldon¹, Peter Hagoort²
¹ University of Birmingham
² Max Planck Institute for Psycholinguistics

TYING PICTURES: WHEN LINGUISTIC PROCESSING FALLS INTO FINGER MOVEMENTS
Michele Scaltritti¹,², Barbara Barbara¹, Marc Torrance³, Francesca Peressotti¹
¹ Dip. Psicologia dello Sviluppo e della Socializzazione, Università di Padova
² LPC-UMR 7290, Aix-Marseille Université, CNRS
³ Division of Psychology, Nottingham Trent University

PRESERVED CUMULATIVE SEMANTIC INTERFERENCE DESPITE EXPLICIT MEMORY IMPAIRMENT
Gary Oppenheim¹,², Polly Barr³, Marie-Josephe Tainturier¹
¹ Bangor University
² Rice University
³ Macquarie University

11:00 – 12:40
Symposium – SY20
Andalucia I+II Room
LEXICON AND LEARNING-BASED PERSPECTIVE IN MORPHOLOGICAL PROCESSING
Chair:
Laurie Beth Feldman, Suny Albany & Haskins Labs

Speakers:
MORPHOLOGICAL STRUCTURE IN NATIVE AND NON-NATIVE PROCESSING: LINGUISTIC AND SUBJECT-LEVEL FACTORS
João Veríssimo, University of Potsdam

FORM SIMILARITY AND MORPHOLOGICAL COMPLEXITY IN SERBIAN–ENGLISH TRANSLATION EQUIVALENTS
Jelena Radanovic, University of Novi Sad

ENTROPY EFFECTS IN THE PROCESSING OF SERBIAN MORPHOLOGY
Dušica Filipović Đurđević, University of Novi Sad, University of Belgrade

“NEW” QUANTITATIVE APPROACHES TO THE “OLD” ISSUE OF SEMANTICS IN MORPHOLOGICAL PROCESSING
Simona Amenta, University of Milan

DISSECTING SEMANTIC TRANSPARENCY EFFECTS IN DERIVED WORD PROCESSING
Marco Marelli, University of Trento
11:00 – 12:40
Andalucia III Room

Thematic Session – TS21
PERCEPTION AND ACTION

Chair:
Martina Rieger, University for Health Sciences, Medical Informatics and Technology

Speakers:
CONTRIBUTION OF DIFFERENT INHIBITORY MECHANISMS TO MOTOR IMAGERY
Martina Rieger¹, Stephan F. Dahm¹, Iring Koch²
¹ University for Health Sciences, Medical Informatics and Technology
² RWTH Aachen University

KNOWING WHERE TO GO WHEN YOU GET THERE: DYNAMIC CONSTRUCTION OF SPATIAL KNOWLEDGE DURING SKILLED ACTION SEQUENCING
Lawrence Behmer, Matthew Crump
Brooklyn College of the City University of New York

DO SUBLIMINAL PRIMES INFLUENCE VOLUNTARY CHOICE IN OCULOMOTOR ACTION?
Seema Prasad, Kaushik Sake, Ramesh Mishra
University of Hyderabad

THE RELATIONSHIP BETWEEN CHOICE AND SPEED IN ACTION DECISIONS
Petroc Sumner, Aline Bompas
School of Psychology, Cardiff University

DYNAMICS OF SPONTANEOUS ALPHA ACTIVITY IN PERCEPTUAL ORGANIZATION AND PERCEPTUAL LEARNING
Andrey R. Nikolaev
KU Leuven

10:40 – 12:40
Machado Room

Thematic Session – TS22
MEMORY II

Chair:
Lili Sahakyan, University of Illinois At Urbana-Champaign

Speakers:
VISION AT A GLANCE: SCHEMATIC KNOWLEDGE ENHANCES MEMORY FOR BOTH ‘GIST’ AND VISUAL DETAIL INFORMATION FOLLOWING A BRIEF GLIMPSE
Nurit Gronau, Anna Izoutcheev, Inbal Ravreby, Elia Barkai
The Open University of Israel

THE IMPACT OF MEANINGFUL GESTURES ON ASSOCIATIVE AND ITEM MEMORY
Ashley Bangert, Hector Rodriguez, Laura Ramos, Iliana Soto
University of Texas at El Paso

RECONSTRUCTION OF AUTOBIOGRAPHICAL MEMORY OF VIOLENT SEXUAL-AFFECTIVE RELATIONSHIPS THROUGH THE EXPERIENCE OF SCIENTIFIC READING ON LOVE
Sandra Racionero-Plaza¹, Lidia Puigvert², Leire Ugalde³, Carmen Gómez¹
¹ Loyola University Andalucía
POSITIVE AND NEGATIVE SCHIZOTYPY ARE ASSOCIATED WITH DIFFERENTIAL PATTERNS OF EPISODIC MEMORY IMPAIRMENT
Lili Sahakyan, Thomas R. Kwapil
University of Illinois At Urbana-Champaign

THE REMINISCENCE BUMP WITHOUT MEMORIES: THE DISTRIBUTION OF IMAGINED WORD-CUED AND IMPORTANT AUTOBIOGRAPHICAL MEMORIES IN A HYPOTHETICAL 70-YEAR-OLD
Jonathan Koppel, Dorte Berntsen
Center on Autobiographical Memory Research, Aarhus University

THE DEVELOPMENT OF CATEGORIZATION: EVIDENCE FROM CATEGORY LEARNING AND RECOGNITION MEMORY
Vladimir Sloutsky, Wei (Sophia) Deng
The Ohio State University

11:00 – 12:40
Picasso Room

Thematic Session – TS23
WORKING MEMORY I
Chair:
Valerie Camos, Université de Fribourg

Speakers:
MECHANISMS OF IMPROVED DUAL-TASK PERFORMANCE IN ACTION-VIDEO GAMERS
Tilo Strobach¹, Torsten Schubert²
¹ Medical School Hamburg
² Humboldt University Berlin

EXAMINING ATTENTIONAL REFRESHING ON EPISODIC MEMORY
Valerie Camos¹, Sophie Portrat², Vanessa Loaiza³, Anne-Laure Oftinger¹
¹ Université de Fribourg
² Université de Grenoble
³ University of Essex

EMBODYING SHORT-TERM MEMORY: PERCEPTUAL-MOTOR DETERMINANTS OF AUDITORY-VERBAL SERIAL RECALL
Robert Hughes¹, Cindy Chamberland², Sébastien Tremblay², Dylan Jones³
¹ Royal Holloway, University of London
² Université Laval
³ Cardiff University

THE SHIFTING CONTENTS OF VISUAL WORKING MEMORY AND THE FOCUS OF ATTENTION
Graham Hitch¹, Alan Baddeley², Richard Allen³, Yanmei Hu³
¹ University of York
² University of Leeds
³ North East Normal University
EXECUTIVE AND PERCEPTUAL ATTENTION; SEPARATE DETERMINANTS OF VISUAL WORKING MEMORY
Richard Allen¹, Graham Hitch², Alan Baddeley², Yanmei Hu³
¹ University of Leeds
² University of York
³ North Eastern Normal University

11:00 – 12:40
Machuca Room

Symposium – SY21
RESEARCH ON ARITHMETIC FACT LEARNING: EVIDENCE FROM HEALTHY AND IMPAIRED PARTICIPANTS
Chair:
Javier García-Orza, Universidad de Málaga

Speakers:
SERIAL-ORDER LEARNING IMPAIRMENT AND HYPERSENSITIVITY-TO-INTERFERENCE IN DYSCALCULIA
Alice De Visscher, Université Catholique de Louvain

THE COACTIVATION AND SELECTION OF SIMPLE ARITHMETIC FACTS: ELECTROPHYSIOLOGICAL EVIDENCE
Patricia Megías, University of Granada

INDIVIDUAL DIFFERENCES IN ARITHMETIC FLUENCY
Javier García-Orza, Universidad de Málaga

NUMBER SENSE IN CHILDREN WITH LEARNING DISABILITIES
Avital Rotem, Ben-Gurion University of the Negev, Achva Academic College

ERPS REVEAL A PREFERRED CODE FOR COMPLEX CALCULATION IN PROFICIENT BILINGUALS
Elena Salillas, Basque Center on Cognition, Brain and Language

11:00 – 12:40
Albeniz Room

Symposium – SY22
LINKING BASIC AND APPLIED SCIENCE: THE CASE OF THE DIFFERENTIAL OUTCOMES EFFECT
Chair:
Luis J. Fuentes, Universidad de Murcia
Bruce J. Overmier, University of Minnesota

Speakers:
THE NEUROBIOLOGICAL UNDERPINNINGS OF THE DIFFERENTIAL OUTCOMES EFFECT
Lisa M. Savage, University of Binghamton

NEURAL DYNAMIC MODELLING OF THE ASSOCIATIVE TWO-PROCESS IN DIFFERENTIAL OUTCOMES TRAINING
Robert Lowe, University of Skövde

CONTRIBUTION OF DIFFERENTIAL OUTCOMES PROCEDURE ON LEARNING AND MEMORY
L. Rebeca Mateos Morfin, Universidad de Guadalajara

SPATIAL WORKING MEMORY IS ENHANCED BY THE DIFFERENTIAL OUTCOME PROCEDURE IN PATIENTS WITH EITHER MILD COGNITIVE IMPAIRMENT OR ALZHEIMER’S DISEASE
**Ana B. Vivas, The University of Sheffield, International Faculty, Thessaloniki**

**ENHANCING ADHERENCE TO TREATMENT BY DIFFERENTIAL OUTCOMES: A SIMULATED STUDY WITH HEALTHY ADULTS**
Victoria Plaza, Universidad Autónoma de Chile

**12:40 – 13:40**
Falla Room

**PLENARY LECTURE**

**THE WHAT, WHERE, WHEN, WHY AND HOW OF MEMORY**

*Keynote Speaker:*
Eleanor Maguire, University College London

**13:40 – 15:00**

Lunch & Break

**15:40 – 17:00**

Symposium – SY23

**LINGUISTIC CUES AND SOCIAL BEHAVIOR**

*Chair:*
Anita Eerland, Utrecht University

*Speakers:*

**HOW DIRECT AND INDIRECT SPEECH IMPACT LANGUAGE COMPREHENSION**
Rolf A. Zwaan, Erasmus University Rotterdam

**ASPECTUAL FRAMING**

Teenie Matlock, University of California

**THE INFLUENCE OF VERB ASPECT AND VISUAL PERSPECTIVE ON IMAGINING EVENTS**
Todd R. Ferretti, Wilfrid Laurier University

**UNDERSTANDING HOW GRAMMATICAL ASPECT INFLUENCES LEGAL JUDGMENT**
Anita Eerland, Utrecht University

**15:20 – 17:00**

Andalucia I+II Room

**Thematic Session – TS24**

**APPLIED COGNITION**

*Chair:*
Candida Castro, University of Granada

*Speakers:*

**USING PERCEPTUAL SIMILARITY SPACES TO PREDICT CLASSIFICATION OF VEHICLE SOUNDS**
Brandon Perelman, Jeremy Gaston, Kelly Dickerson
U.S. Army Research Laboratory, Human Research & Engineering Directorate

**THE ATTENTION-RELATED DRIVING ERRORS SCALE (ARDES): AVAILABLE NOW IN ENGLISH**
Candida Castro¹, Elsa Peña-Suarez¹, Petya Ventsislavova¹, Andres Gugliotta¹, Javier Roca³, Maria-Fernanda Lopez-Ramon³, Jose-Luis Padilla³

¹ University of Granada
² Nottingham Trent University
³ University of Valencia

**SMARTPHONE, IPAD OR PC: WHICH ONE IS BETTER TO WATCH YOUR FAVOURITE**
SUBTITLED FILM?
Judit Castellà, Andreu Oliver, Olga Soler
Universitat Autònoma de Barcelona

SPOTTING LESIONS IN A SPLIT OF A SECOND - NEURAL MECHANISMS BEHIND RADILOGICAL EXPERTISE
Merim Bilalic
Universitity of Klagenfurt

INVESTIGATING THE RELATIONSHIP BETWEEN EXECUTIVE FUNCTIONS AND LEARNING IN A DIGITAL ENVIRONMENT
Gal Ben-Yehudah, Luchia Kovalev
The Open University of Israel

15:00 – 17:00
Andalucia III Room
Thematic Session – TS25
ATTENTION I
Chair:
Peter Chapman, University of Nottingham

Speakers:
ATTENDING TO AND APPROACHING PEOPLE IN A LARGE-SCALE VIRTUAL ENVIRONMENT: INFLUENCES OF STANCE AND EMOTIONAL EXPRESSION
Peter Chapman, Chloe Robbins, Kate Bailey
University of Nottingham

THE EFFECT OF LEARNED PREDICTIVENESS AND VERBAL INSTRUCTIONS ON SPATIAL CUEING
Pedro L. Cobos¹-², Miguel A. Vadillo³, David Luque¹-⁴, Mike E. Le Pelley⁴
¹ University of Málaga
² Instituto de Investigación Biomédica de Málaga (IBIMA)
³ Primary Care and Public Health Sciences, King’s College
⁴ School of Psychology, UNSW

REWARD MODULATION ON ATTENTIONAL SELECTION
Alexia Bourgeois, Patrik Vuilleumier
Laboratory for Behavioral Neurology and Imaging of Cognition, University of Geneva

SHORT OR LONG LASTING AUTOMATIC ACTIVATION IN THE SIMON TASK: A MODEL-BASED ANALYSIS
Rolf Ulrich, Matthias Karlbauer, Teresa Birngruber, Hannes Schröter
Department of Psychology, University of Tübingen

15:20 – 17:00
Thematic Session – TS26

VISUAL SHORT-TERM MEMORY LOAD DISRUPTS SUBITIZING LIMIT
Simone Cutini¹, Francesco Sella², Marco Zorzi³
¹ Department of Developmental Psychology, University of Padova
² Department of Experimental Psychology, University of Oxford
³ Department of General Psychology, University of Padova
Machado Room

MEMORY III

Chair:
John Dunlosky, Kent State University

Speakers:
DO MEDIATOR PRODUCTION AND SHIFTS CONTRIBUTE TO THE SPACING EFFECT FOR CUED RECALL? CRITICAL TESTS OF THE SHIFT HYPOTHESIS
John Dunlosky\textsuperscript{1}, Kayla Morehead\textsuperscript{1}, Katherine Rawson\textsuperscript{1}, Melissa Bishop\textsuperscript{1}, Mary Pyc\textsuperscript{2}
\textsuperscript{1} Kent State University
\textsuperscript{2} Dart NeuroScience

A DOORWAY ONTO EPISODIC MEMORY: THE ROLE OF SPATIAL BOUNDARIES IN SHAPING EVENT REPRESENTATIONS
Aidan Horner\textsuperscript{1,2}, James Bisby\textsuperscript{1,2}, Aijing Wang\textsuperscript{1}, Katrina Bogus\textsuperscript{1}, Neil Burgess\textsuperscript{1,2}
\textsuperscript{1} UCL Institute of Cognitive Neuroscience
\textsuperscript{2} UCL Institute of Neurology

EVENT COGNITION AND THE RETENTION FUNCTION
Gabriel Radvansky
University of Notre Dame

IS THE LEVELS OF PROCESSING EFFECT LANGUAGE SPECIFIC?
Alan Baddeley, Graham Hitch
University of York

KNOWLEDGE CONSTRUCTION REQUIRES BRICKS, NOT SAND: THE CRITICAL ROLE OF FAMILIAR CONSTITUENTS IN LEARNING
Lynne Reder\textsuperscript{1,3}, Xiaonan Liu\textsuperscript{1,4}, Alexander Keinath\textsuperscript{1,2}, Vencislav Popov\textsuperscript{1,5}
\textsuperscript{1} Carnegie Mellon University
\textsuperscript{2} University of Pennsylvania
\textsuperscript{3} Center for the Neural Basis of Cognition
\textsuperscript{4} Xiamen University
\textsuperscript{5} New Bulgarian University

15:20 – 17:00
Picasso Room

Thematic Session – TS27
WORKING MEMORY II

Chair:
Philip Quinlan, The University of York

Speakers:
DIGIT SPAN, NONWORD REPETITION, AND SENTENCE REPETITION: WHY POPULAR TESTS OF VERBAL SHORT-TERM MEMORY MEASURE ASSOCIATIVE LEARNING
Gary Jones\textsuperscript{1}, Bill Macken\textsuperscript{2}
\textsuperscript{1} Nottingham Trent University
\textsuperscript{2} Cardiff University

OBJECT NON-SPECIFIC BINDING OF NON-SPATIAL FEATURES IN VISUAL WORKING MEMORY FOR MOVING OBJECTS
Jun Saiki
Kyoto University

OSCILLATORY CORRELATES OF VISUAL WORKING MEMORY UPLOADED FROM LONG-TERM MEMORY
Keisuke Fukuda, Geoffrey F. Woodman
Vanderbilt University

THE PRE-CATEGORICAL NATURE OF VISUAL SHORT-TERM MEMORY
Philip Quinlan¹, Dale Cohen²
¹ The University of York
² The University of North Carolina at Wilmington

15:00 – 17:00
Symposium – SY24
Machuca Room
OPEN ISSUES IN PERCEPTUAL ORGANIZATION
Chair:
Johan Wagemans, University of Leuven

Speakers:
MORE THAN MERE ASSOCIATION: MECHANISTIC RELATIONSHIPS BETWEEN PERCEPTUAL GROUPING AND FIGURE-GROUND ORGANIZATION
Joseph I. Brooks, University of Kent

VARIETIES OF PART-WHOLE RELATIONSHIPS AND THE THEORY OF BASIC GESTALTS
James R. Pomerantz, Rice University Houston

THE ROLE OF PERCEPTUAL ORGANIZATION IN CROWDING
Ruth Kimchi, University of Haifa

HIERARCHICAL ORGANIZATION
Walter Gerbino, University of Trieste

THE ROLE OF PERCEPTUAL ORGANIZATION IN THE LEUVEN EMBEDDED FIGURES TEST (L-EFT)
Johan Wagemans, University of Leuven

ON THE EDGE OF A MODAL COMPLETION
Rob Van Lier, Radboud University Nijmegen

15:20 – 17:00
Thematic Session – TS28
Albeniz Room
JUDGEMENT I
Chair:
Nigel Harvey, University College London

Speakers:
WORKING MEMORY AND SPATIAL JUDGMENTS: COGNITIVE LOAD INCREASES THE CENTRAL TENDENCY BIAS
John Smith¹, Sarah Allred¹, L. Elizabeth Crawford², Sean Duffy¹
¹ Rutgers University-Camden
² University of Richmond
ARE STATISTICAL JUDGMENTS BETTER WHEN BASED ON MORE DATA?
Nigel Harvey, Zoe Theocharlis
University College London

KNOWING-IT-ALL BUT STILL LEARNING: PERCEPTIONS OF ONE’S OWN KNOWLEDGE AND BELIEF REVISION
Sara Hagá¹, Kristina Olson²
¹ University of Lisbon
² University of Washington

THE RELATIVE INFLUENCE OF PERCEPTION AND MEMORY IN PRODUCING THE CENTRAL TENDENCY BIAS
Sean Duffy, John Smith, Sarah Allred
Rutgers University - Camden

ADAPTIVE ANCHORING MODEL: HOW STATIC AND DYNAMIC PRESENTATION OF TIME SERIES INFLUENCE JUDGMENTS AND PREDICTIONS
Petko Kusev¹, Paul van Schaik²
¹ Kingston University London
² Teesside University

17:00 – 17:20
Coffee

17:00 – 19:00
Symposium – SY25
Falla Room

COGNITIVE CONTROL AND LANGUAGE PROCESSING IN BILINGUALS AND MONOLINGUALS
Chair:
Anat Prior, University of Haifa

Speakers:
COGNITIVE CONTROL AND LANGUAGE PROCESSING: EVIDENCE FOR A CAUSAL CONNECTION
Jared M. Novick, University of Maryland, College Park

UNEXPECTED NON-TARGET-LANGUAGE CUES REVEAL LANGUAGE-COGNITION LINKS IN SPANISH-ENGLISH BILINGUAL LISTENERS
Henrike K. Blumenfeld, San Diego State University

COGNITIVE CONTROL AND PRONOUN USE IN LATE BILINGUALS
Antonella Sorace, University of Edinburgh

IS COGNITIVE CONTROL INVOLVED IN ACCOMMODATING A SWITCH IN LANGUAGE DURING BILINGUAL COMPREHENSION?
Margarita Kaushanskaya, University of Wisconsin-Madison

IS SUSCEPTIBILITY TO CROSS-LANGUAGE INTERFERENCE DOMAIN SPECIFIC?
Anat Prior, University of Haifa

MIGHT LINGUISTIC AND NONLINGUISTIC CONTROL BE RELATED?
Zofia Wodniecka, Jagiellonian University, Penn State University

17:20 – 19:00
Andalucia I+II Room

**Thematic Session – TS29**

**SOCIAL COGNITION**

**Chair:**
Fiona N. Newell, University of Dublin, Trinity College

**Speakers:**

**HERE’S LOOKING AT YOU: THE EFFECT OF FACIAL MOTION AND GAZE SHIFTS ON JUDGEMENTS OF ATTRACTIVENESS**
Fiona N. Newell¹, Pik Ki Ho¹, Zora Knauf¹, Andrew T. Woods², Hanni Kiiski¹
¹ University of Dublin, Trinity College
² Xperiment.mobi

**INVESTIGATING THE NEURAL CORRELATES OF AFFILIATION BASED ON SHARED AESTHETIC PREFERENCES**
Harry Farmer, Antonia Hamilton
University College London

**N-EQUALITY: MORE PEOPLE, LESS (CONCERN FOR) EQUALITY?**
Avishalom Tor¹, Stephen Garcia²
¹ University of Notre Dame
² University of Michigan

**COOPERATION AND PUNISHMENT: EFFECTS OF FACIAL APPEARANCE AND FACIAL EXPRESSION**
Raoul Bell, Laura Mieth, Axel Buchner
Heinrich Heine University Düsseldorf

**EFFECTS OF PRECEDING CONTEXT ON CONSCIOUS FACE PERCEPTION**
Shen-Mou Hsu, Jhao-Rong Wu
Research Center for Mind, Brain and Learning, National Chengchi University

17:20 – 19:00
Andalucia III Room

**Thematic Session – TS30**

**PERCEPTION**

**Chair:**
Cathleen M. Moore, University of Iowa

**Speakers:**

**ASYMMETRY OF BOUNDARY EXTENSION ERRORS IN DIFFERENT FACIAL PARTS**
Olesya Blazhenkova
Sabanci University

**BOUND TOGETHER: CROSSING EVENT BOUNDARIES ALTERS PERCEPTION OF TEMPORAL GROUPING**
Ashley S. Bangert¹, Omar Carrasco², Christopher A. Kurby²
¹ University of Texas at El Paso
² Grand Valley State University
TEMPORAL INTEGRATION OF VISUAL-AUDITORY STIMULI IN AUTISM SPECTRUM DISORDER
Ellie Wilson, David Saldaña
University of Seville

THE SPATIAL PRECISION OF ATTENTIONAL CONTROL IS DETERMINED BY CENTER-TO-CENTER DISTANCE BETWEEN OBJECTS WITHOUT REGARD TO EDGE OVERLAP
Cathleen M Moore¹, Elisabeth Hein², Gerhard Rinkenauer³, Marc Grosjean³
¹ University of Iowa
² University of Tübingen
³ Leibniz-Institut für Arbeitsforschung

THE TIME COURSE OF THREE-DIMENSIONAL OBJECT RECOGNITION IN HUMAN VISION REVEALED BY HIGH-DENSITY ERPS
Charles Leek¹, Zoe Oliver², Mark Roberts¹, Filipe Cristino¹, Alan Pegna²
¹ School of Psychology, Bangor University
² School of Psychology, University of Queensland

17:20 – 19:00
Machado Room

Thematic Session – TS31
FORGETTING
Chair:
Pierre Barrouillet, University of Geneva

Speakers:
LEARNING WHEN YOU ARE TRYING TO FORGET: IMPLICIT LEARNING IN THE DIRECTED FORGETTING PARADIGM
Leonel Garcia Marques, Diana Orghian, João Braga
Faculdade de Psicologia da Universidade de Lisboa

ARE STRESSED OUT STUDENTS MOTIVATED TO FORGET MATHEMATICS AFTER CLASS IS OVER?
Gerardo Ramirez¹-², Ian McDonough³, Jin Ling²
¹ University of California Los Angeles, Department of Psychology
² University of California Los Angeles, Graduate School of Education
³ University of Alabama, Department of Psychology

PAY NO ATTENTION TO THAT! THE EFFECT OF ATTENTIONAL CONTROL INSTRUCTIONS ON EYE-MOVEMENTS AND MEMORY FOR EMOTIONAL IMAGES
Kate Bailey, Peter Chapman, Lauren Hatcher
University of Nottingham

DOES BACKGROUND CONTEXT ATTENUATE ITEM-BASED DIRECTED FORGETTING?
William Hockley¹, Nicole Burgess¹, Kathleen Hourihan²
¹ Department of Psychology, Wilfrid Laurier University
² Department of Psychology, Memorial University

THE FATE OF DISTRACTORS IN WORKING MEMORY: ACTIVE REMOVAL OR PASSIVE DECAY?
Pierre Barrouillet, Isabelle Dagry
University of Geneva
Saturday May 7th

Picasso Room

COGNITIVE AGING I

Chair:
Janet Metcalfe, Columbia University

Speakers:

OBJECT LOCATION LONG-TERM MEMORY IN NORMAL AGING
Anat Mandelbaum, Hagit Magen
The Hebrew University of Jerusalem

AUTOMATIC MEMORY PROCESSES IN OLDER ADULTS WITH MILD COGNITIVE IMPAIRMENT
Agnieszka Niedziwinska1,2, Lia Kvavilashvili1
1 University of Hertfordshire
2 Jagiellonian University

IMPAIRED INTERFERENCE DETECTION IN THE ELDERLY IS TRACED BY MEDIAL-PREFRONTAL THETA OSCILLATIONS
Catarina Ferreira1,2, Maria Jesus Maraver1, Simon Hanslmayr2, Maria Teresa Bajo1
1 University of Granada
2 University of Birmingham

ON TEACHING OLD DOGS NEW TRICKS: OLDER ADULTS CORRECT SEMANTIC MEMORY ERRORS BETTER THAN YOUNGER ADULTS
Janet Metcalfe, David Friedman
Columbia University

PROSPECTIVE MEMORY IMPAIRMENT IN EARLY ALZHEIMER’S DISEASE: A VIRTUAL REALITY STUDY
Valentina La Corte1,2, Valentine Facque1,2, Maria Abram1,2, Pascale Piolino1,2,3
1 Institute of Psychology, University Paris Descartes, Sorbonne Paris Cite
2 INSERM UMR 894, Center of Psychiatry and Neurosciences, Memory and Cognition
3 University Institute of France

17:20 – 18:40
Machuca Room

Symposium – SY26
THE FUTURE OF METHODOLOGY IN PSYCHOLOGICAL SCIENCE

Chair:
Richard D. Morey, Cardiff University

Speakers:

THE PEER REVIEWERS’ OPENNESS INITIATIVE: INCENTIVISING OPEN RESEARCH PRACTICES THROUGH PEER REVIEW
Richard D. Morey, Cardiff University

THE AVAILABILITY OF PSYCHOLOGICAL RESEARCH DATA
Wolf Vanpaemel, KU Leuven

ON KNOWING HOW THE SAUSAGE IS MADE: THE PROS AND CONS OF OPEN REVIEW
Rolf A. Zwaan, Erasmus University Rotterdam

THE DARK SIDE OF OPEN SCIENCE: WEAPONIZING TRANSPARENCY
Stephan Lewandowsky, University of Bristol
17:20 – 19:00
Albeniz Room

**Thematic Session – TS33**

**DECISION MAKING I**

**Chair:**
Marius Usher, *School of Psychology, Tel-Aviv University*

**Speakers:**

**SELECTIVE INTEGRATION: WHEN VIOLATIONS OF RATIONAL CHOICE THEORY ARE ADAPTIVE**
Konstantinos Tsetsos¹, Nick Chater², Rani Moran³, Marius Usher³, Christopher Summerfield⁴

¹ Department Psychological Sciences, Birkbeck, University of London  
² Warwick Business School, University of Warwick  
³ School of Psychology and Sagol School of Neuroscience, University of Tel-Aviv  
⁴ Department of Experimental Psychology, University of Oxford

**ALPHA OSCILLATIONS PREDICT TASK-UNRELATED THOUGHTS AND REDUCTIONS IN PROCESSING EFFICIENCY**
Guy Hawkins¹, Matthias Mittner², Wouter Boekel¹, Andrew Heathcote³, Birte Forstmann¹

¹ University of Amsterdam  
² University of Tromso  
³ University of Tasmania

**TEN YEARS OF THE DESCRIPTION-EXPERIENCE GAP IN THE SAMPLING PARADIGM: A META-ANALYTIC REVIEW**
Dirk Wulff¹,², Max Mergenthaler¹, Ralph Hertwig¹

¹ Max Planck Institute for Human Development  
² University of Basel

**POST-DECISION MECHANISMS: THE COMMITMENT EFFECT**
Marius Usher¹, Zohar Bronfman¹, Noam Brezis¹, Anne Urai², Tobias Donner²

¹ School of Psychology, Tel-Aviv University  
² University Medical Center, Hamburg

**SYSTEMATIC, INDIVIDUAL AND SITUATIONAL BIASES IN TIMING DECISIONS**
David Reitter, Moojan Ghaforian, Jens Grossklags
*The Pennsylvania State University*

21:00

**Conference Dinner**
08:00 – 10:00  
Falla Room  
**Symposium – SY27**  
**THE INFLUENCE OF ORTHOGRAPHY ON SPOKEN WORD RECOGNITION**  
**Chair:**  
Holger Mitterer, *University of Malta*  
Falk Huettig, *Max Planck Institute for Psycholinguistics*  

**Speakers:**  
**THE EFFECT OF LEARNING TO READ ON THE NEURAL SYSTEMS FOR VISION AND LANGUAGE: A LONGTIDUNAL APPROACH WITH ILLITERATE PARTICIPANTS**  
Falk Huettig, *Max Planck Institute for Psycholinguistics*  

**NO ROLE FOR ORTHOGRAPHY IN RECOGNIZING CASUAL SPEECH**  
Holger Mitterer, *University of Malta*  

**HOW MUCH DOES ORTHOGRAPHIC EXPOSURE INFLUENCE PROCESSING OF SCHWA IN NOVEL SPOKEN WORDS?**  
James M. Mcqueen, *Radboud University*  

**DOES LITERACY SHAPE LEXICAL REPRESENTATIONS? – A DEVELOPMENTAL PERSPECTIVE**  
Claudia Friedrich, *University of Tuebingen*  

**THE INFLUENCE OF LITERACY ON SPEECH PERCEPTION**  
Karl Magnus Petersson, *University of Algarve*  

**THE ORTHOGRAPHIC EFFECTS IN SPEECH PROCESSING: BEYOND THE “AUTOMATICITY VS. STRATEGY” DEBATE**  
Chotiga Pattamadilok, *Aix-Marseille Université*  

08:00 – 10:00  
Andalucia I+II Room  
**Thematic Session – TS34**  
**LANGUAGE PROCESSING IV**  
**Chair:**  
Albert Katz, *University of Western Ontario*  

**Speakers:**  
**LEARNING TO DISCRIMINATE SYNONYMOUS VERBS IN RUSSIAN: DO WE NEED EXPLICIT MORPHOLOGICAL MARKERS?**  
Petar Milin1,2, Dagmar Divjak3, R. Harald Baayen1,4  
1 Department of Linguistics/Quantitative Linguistics, Eberhard Karls University  
2 Department of Psychology, University of Novi Sad  
3 School of Languages & Cultures, University of Sheffield  
4 Department of Linguistics, University of Alberta  

**DO PEOPLE “HEAR” A SARCASTIC TONE OF VOICE WHEN SILENTLY READING SARCASTIC TEXT?**  
Albert Katz, Karen Hussey  
*University of Western Ontario*  

**ANTICIPATION IN LANGUAGE COMPREHENSION: WORD PROBABILITY AND SEMANTIC**
Sunday May 8th

RELATEDNESS REVEAL DISTINCT PATTERNS OF BRAIN ACTIVITY
Stefan Frank1, Roel Willems2
1 Centre for Language Studies, Radboud University
2 Donders Centre for Cognitive Neuroimaging, Radboud University

DYNAMICS OF BRAIN FUNCTIONS AND READING IN DIFFERENT LANGUAGES: WHY IS IT HARD TO READ ARABIC?
Zohar Eviatar
Institute of Information Processing and Decision Making and the Psychology Dept., University of Haifa

THE PACA THAT ROARED: CUMULATIVE SEMANTIC INTERFERENCE REVEALS IMMEDIATE SEMANTIC INTEGRATION OF NEWLY ACQUIRED VOCABULARY
Gary Oppenheim
Bangor University
Rice University

ELECTROPHYSIOLOGICAL CORRELATES OF SEMANTIC ANTICIPATION DURING SPEECH COMPREHENSION
Joaquín Morís1, Patricia León-Cabrera2, Antoni Rodriguez-Fornells2
1 University of Oviedo
2 University of Barcelona

08:20 – 10:00
Thematic Session – TS35
CATEGORIZATION
Chair:
Evan Livesey, University of Sydney

Speakers:
LEARNING ABOUT FEATURES OR RELATIONS (BUT NOT BOTH): A LABORATORY ANALOGUE OF THE INERT KNOWLEDGE PROBLEM
Evan Livesey, Hilary Don, Micah Goldwater
University of Sydney

THE INFERENCE VALUE OF COHERENCE IN CAUSAL-BASED CATEGORIZATION
Sergio Chaigneau, Enrique Canessa
Adolfo Ibáñez University

HYPOTHESIS GENERATION SETS THE STAGE FOR SELF-DIRECTED CATEGORY LEARNING
Douglas Markant
Max Planck Institute for Human Development

HEMISPHERIC CONTRIBUTIONS DURING CATEGORIZATION OF NATURAL IMAGES
Sara Spotorno1, Anais Leroy2, Sylvane Faure
1 University of Aberdeen
2 University of Nice Sophia Antipolis

08:20 – 10:00
Thematic Session – TS36
Machado Room

TESTING

Chair:
Timothy Hollins, Plymouth University

Speakers:
THERE ARE LIMITS TO THE EFFECTS OF TASK INSTRUCTIONS:
MAKING THE AUTOMATIC EFFECTS OF TASK INSTRUCTIONS CONTEXT-SPECIFIC TAKES PRACTICE
Senne Braem, Baptist Liefooghe, Jan De Houwer, Marcel Brass, Elger Abrahamse
Ghent University

THE TWO PROCESSES UNDERLYING THE TEST EFFECT ---EVIDENCE FROM EVENT-RELATED POTENTIALS (ERPs)
Xiaonan Liu¹,², Deborah Tan¹, Ya Zhang³, Lynne Reder²
¹ Xiamen University
² Carnegie Mellon University
³ University of Pittsburgh

TESTING AN ATTENTIONAL ACCOUNT OF TEST POTENTIATED LEARNING
Timothy Hollins, Christopher Mitchell
Plymouth University

OPTIMIZING SCHEDULES OF RETRIEVAL PRACTICE: SUCCESSIVE RELEARNING OVERRIDES INITIAL LAG EFFECTS
Katherine Rawson¹, Kalif Vaughn², Matthew Walsh³, John Dunlosky¹
¹ Kent State University
² Williams College
³ Carnegie Mellon University

THE EXPERIENCE OF REPEATED TESTING INFLUENCES THE SUBSEQUENT ENCODING OF SOCIAL CATEGORIES
Tomás Palma, Leonel Garcia-Marques, Pedro Marques
Universidade de Lisboa, Faculdade de Psicologia

08:00 – 10:00
Picasso Room

Thematic Session – TS37
COGNITIVE AGING II

Chair:
Rui Mata, University of Basel

Speakers:
ROLE OF PROPSECTIVE MEMORY AND AGING IN MEDICAL ADHERENCE: AN EMPIRICAL INVESTIGATION
Azizuddin Khan
Psychophysiology Laboratory, Department of Humanities and Social Sciences, India

AGE-RELATED DIFFERENCES IN TOUCH-BASED VISUAL SEARCH
Sowon Hahn
Seoul National University
PERSISTENT FACE BIAS IN OLDER ADULTS JUDGING TRUSTWORTHINESS
Atsunobu Suzuki
Nagoya University

FLUID AND CRYSTALLIZED DISCREPANCY IN HEALTHY ADULTS: THE RELATIONSHIP WITH BETA-AMYLOID AND CORTICAL THICKNESS
Ian McDonough¹, Gérard Bischof², Kristen Kennedy³, Karen Rodrigue³, Michelle Farrell³, Denise Park⁴
¹ The University of Alabama
² University Hospital Cologne/Institute of Neuroscience & Medicine Research Centre
³ University of Texas at Dallas

COGNITIVE CHANGE ACROSS THE LIFESPAN: FOUR-YEAR LONGITUDINAL FINDINGS IN THE DALLAS LIFESPAN BRAIN STUDY (DLBS)
Xi Chen¹, Sara Festini², Ian McDonough², Denise Park¹
¹ University of Texas at Dallas
² The University of Alabama

AGE DIFFERENCES IN RISK TAKING
Rui Mata¹, Anika Josef², Ralph Hertwig²
¹ University of Basel
² Max Planck Institute for Human Development

08:00 – 10:00
Machuca Room

Thematic Session – TS38
METHODOLOGY

Chair:
Franca Agnoli, University of Padova

Speakers:

MULTIPLE COMPARISONS AND FALSE POSITIVE RATES IN EYE TRACKING STUDIES OF READING BEHAVIOUR
Bernhard Angele¹, Titus von der Malsburg²
¹ Bournemouth University
² University of California San Diego

CORTICAL WAVES ARE NOT SPACE-TIME SEPARABLE: EVIDENCE FROM VELOCITY ESTIMATES IN LARGE-SCALE CORTEX
David M. Alexander
KU Leuven

IMPROVING THE INTERPRETATION OF CONFIDENCE AND CREDIBLE INTERVALS
Rink Hoekstra¹, Richard Morey², Eric-Jan Wagenmakers³
¹ University of Groningen
² Cardiff University
³ University of Amsterdam

PREVALENCE OF QUESTIONABLE RESEARCH PRACTICES AMONG ITALIAN PSYCHOLOGISTS
Franca Agnoli¹, Jelte Wicherts², Coosje Veldkamp³, Paolo Albiero¹, Roberto Cubelli³
¹ University of Padova
Sunday May 8th

08:00 – 10:00
Albeniz Room

Thematic Session – TS39
JUDGEMENT AND REASONING
Chair: Helena Matute, Deusto University

Speakers:
THE INVOLVEMENT OF FUNCTIONAL CONNECTIVITY FROM INSULAR AND VENTROLATERAL PREFRONTAL CORTEXES IN SELF-REPORTED GAMBLING-RELATED COGNITIVE BIASES
José C. Perales, Juan F. Navas, Cristian Martínez Ruiz de Lara, Ana Perandrés
Mind, Brain, and Behavior Research Center. University of Granada

HOW POSITIVE AFFECT AND PERFORMANCE (NON-)CONTINGENT REWARD MODULATE COGNITIVE CONTROL
Kerstin Fröber, Gesine Dreisbach
University of Regensburg

THE CHALLENGES TO MEASURING THE MULTIDIMENSIONAL CONSTRUCT “RISK ATTITUDES”
Renato Frey¹, Andreas Pedroni², Rui Mata¹, Jörg Rieskamp¹, Ralph Hertwig²
¹ University of Basel
² Max Planck Institute for Human Development

ASSESSING CAUSAL BIASES IN CHILDREN
Maria Manuela Moreno-Fernández, Fernando Blanco, Helena Matute
University of Deusto

10:00 – 12:40
Central Hall

Coffee & Poster Session 4

11:00 – 12:40
Thematic Session – TS40

2 Tilburg University
3 University of Trento
BILINGUALISM II

Chair:
Tamar Degani, University of Haifa

Speakers:
STATISTICAL LEARNING BIASES PREDICT SECOND-LANGUAGE READING PATTERNS
Luca Onnis¹, Stefan Frank², Hongoak Yun³, Matthew Lou-Magnuson¹
¹ Nanyang Technological University
² Radboud University
³ Konkuk University

PRODUCTION COSTS AFTER BRIEF EXPOSURE TO AN UNKNOWN LANGUAGE
Tamar Degani¹, Hamutal Kreiner²
¹ University of Haifa
² Ruppin Academic Center

LEARNING NOUNS AND VERBS IN A FOREIGN LANGUAGE: THE ROLE OF GESTURES IN VOCABULARY ACQUISITION
Ana Belén García-Gámez¹, Pedro Macizo¹,²
¹ University of Granada
² Mind, Brain and Behavior Research Center (CIMCYC)

THE REPRESENTATION OF TRILINGUAL LEXICO-SEMANTIC MEMORY
Agnieszka Ewa Tytus
University of Mannheim

 WHICH ASPECTS OF LINGUISTIC EXPERIENCE HELP TO TUNE THE BILINGUAL COMPREHENSION SYSTEM?
Melinda Fricke¹,², Judith Kroll¹,², Paola Dussias²,³
¹ Psychology Department
² Center for Language Science
³ Department of Spanish, Italian, and Portuguese

11:00 – 12:40
Symposium – SY28
Andalucia I+II Room

IS ORDINAL PROCESSING THE MISSING LINK BETWEEN SYMBOLIC NUMBER PROCESSING AND CALCULATION?
Chair:
Bert Reynvoet, University of Leuven
Catherine Thevenot, University of Lausanne

Speakers:
THE ORDINAL INSTINCT: A NEUROCOGNITIVE PERSPECTIVE
Orly Rubinsten, University of Haifa, Israel and Israel Science Foundation

THE ROLE OF WORKING MEMORY IN CARDINALITY JUDGMENT, ORDINALITY JUDGMENT AND CALCULATION
Helene Vos, University of Leuven

A MEDIATING ROLE FOR SERIAL WORKING MEMORY IN THE RELATIONSHIP BETWEEN
DIGIT COMPARISON AND ARITHMETIC?
Delphine Sasanguie, University of Leuven

PROCEDURAL AND RETRIEVAL STRATEGIES IN ADDITION PROBLEM SOLVING
Kim Uittenhove, University of Geneva

RUNNING THE NUMBER LINE: RAPID SHIFTS OF ATTENTION IN SINGLE-DIGIT ARITHMETIC
Romain Mathieu, CNRS and University of Lyon

10:40 – 12:40
Thematic Session – TS41
Andalucia III Room
ATTENTION II
Chair:
Mark Fillmore, University of Kentucky

Speakers:
FIGURE-GROUND-SEGMENTATION MODULATES STIMULUS-RESPONSE-BINDING.
Christian Frings¹, Klaus Rothermund²
¹ University of Trier
² University of Jena

ATTENTIONAL TEMPLATES FOR INTEGRATED COLOUR OBJECTS: BEHAVIOURAL AND ELECTROPHYSIOLOGICAL EVIDENCE
Nick Berggren, Martin Eimer
Birkbeck College, University of London

IDENTITY INFORMATION IS EXTRACTED ONLY FROM THE CURRENTLY FOVEATED OBJECT DURING MULTIPLE-IDENTITY TRACKING: AN EYE-TRACKING STUDY
Lauri Oksama¹2, Jie Li², Jukka Hyönä⁴
¹ National Defence University
² Academy of Finland
³ Beijing Sport University
⁴ University of Turku

TARGET SALIENCE REDUCES THE EFFICIENCY OF PARALLEL VISUAL PROCESSING
Jason McCarley, Ran Wei
Flinders University

THE INFLUENCE OF SIMILARITY, IDENTIFIABILITY, AND MEMORY ON CHANGE DEAFNESS FOR ENVIRONMENTAL SOUNDS
Kelly Dickerson, Jeremy Gaston, Brandon Perelman, Timothy Mermagen, Ashley Foots
Army Research Laboratory

BIASED ATTENTION TO ALCOHOL CUES: GENDER DIFFERENCES IN A RISK FACTOR FOR ALCOHOL ABUSE
Mark Fillmore, McKinley Potter, Ramey Monem
University of Kentucky

11:00 – 12:40
Thematic Session – TS42
Machado Room
MEMORY IV
Sunday May 8th

Chair:
Joachim Grabowski, Leibniz University Hanover, Institut of Educational Psychology

Speaker:
A COMPUTATIONAL ACCOUNT OF THE PRODUCTION EFFECT IN RECOGNITION MEMORY
Randall Jamieson¹, Douglas Mewhort², William Hockley³
¹ University of Manitoba
² Queen’s University
³ Wilfrid Laurier University

GUIDED MEMORY SEARCH: RESULTS FROM CONCURRENT VISUAL AND MEMORY SEARCH THROUGH DIFFERENT CATEGORIES
Maria Nordfang¹, Jeremy Wolfe²,³
¹ University of Copenhagen
² Brigham & Women’s Hospital
³ Harvard Medical School

RECOGNITION MEMORY FOR FACES AND PICTURES OF FACES: FACIAL INFORMATION IS RECOLLECTED WHILE PICTURE INFORMATION IS FAMILIAR
Graham MacKenzie, Georgia Alexandrou, Peter J.B. Hancock, David I. Donaldson
University of Stirling

THE MEMORY OF ENSEMBLE MEAN IS BETTER FOR PERIPHERAL THAN PERIFOveal OBJECTS
Yoshiyuki Ueda
Kyoto University

THE WRITING SUPERIORITY EFFECT ACROSS KNOWLEDGE DOMAINS
Joachim Grabowski¹, Markus Janczyk²
¹ Leibniz University Hanover, Institut of Educational Psychology
² University of Tübingen, Department of Psychology

11:00 – 12:40
Picasso Room

Thematic Session – TS43
LEARNING
Chair:
Ben Colagiuri, University of Sydney, School of Psychology

Speakers:
A COMPARISON OF CONDITIONING THE HUMAN PUPIL USING BRIGHTNESS VERSUS AFFECTIVE STIMULI
Ferdinand Pittino, Katrin M. Kliegl, Anke Huckauf
Ulm University, General Psychology

SLOWED REACQUISITION AFTER A PARTIAL EXTINCTION TREATMENT: RELAPSE ATTENUATION IN HUMAN CONTINGENCY LEARNING
Francisco José López¹,², Joaquín Morís³, Itxaso Barberia⁴, Miguel A. Vadillo⁵, Ainhoa Andrades⁶
¹ University of Malaga
² Institute of Biomedical Research in Malaga
Sunday May 8th

Contextual Cuing as a Form of Nonconscious Learning: Theoretical and Empirical Evidence in Large and Very Large Samples
Ben Colagiuri, Evan Livesey
University of Sydney, School of Psychology

Bayesian Modeling of Human Contingency Learning Phenomena: An Illustration with the Partial Reinforcement Extinction Effect (PREE)
Fernando Blanco¹, Joaquín Morís²
¹ Universidad de Deusto
² Universidad de Oviedo

Prediction and Uncertainty: Examining Controlled and Automatic Components of Learned Attentional Biases
David Luque Ruiz¹, Miguel A. Vadillo², Mike E. Le Pelley¹, Tom Beesley¹
¹ School of Psychology, UNSW Australia
² Department of Primary Care and Public Health Sciences, King’s College London

11:00 – 12:40
Thematic Session – TS44
Neural Substrates
Chair:
Bradley Love, University College London

Speakers:
Neural Substrates of Hierarchical Timing Control in Experts and Novices
Ralf Krampe¹, Nicole Wenderoth², Ann Lavryssen³, Stephan Swinnen¹
¹ University of Leuven
² ETH Zuerich

EEG Complexity in Mind Wandering and Externally Focused Attention Modeled with Whole-Brain Computational Connectomics
Antonio Ibáñez-Molina, Sergio Iglesias-Parro
University of Jaén

Zen Meditator Overcomes the Stroop Interference: An fMRI Study of Access Consciousness
Naoyuki Osaka¹, Kakehiro Minamoto², Ken Yaoi¹, Miyuki Azuma², Mariko Osaka²
¹ Kyoto University
² Osaka University

Attention Shapes Category Representations in the Hippocampus
Bradley Love¹, Michael Mack², Alison Preston²
¹ University College London
² University of Texas at Austin

11:20 – 12:40
Thematic Session – TS45

³ University of Oviedo
⁴ University of Barcelona
⁵ King’s College London
Sunday May 8th

Albeniz Room

DECISION MAKING II

Chair:
Volker Thoma, School of Psychology, University of East London

Speakers:
ECONOMISTS’ DECISION MAKING: CHEATERS WITH ALTRUISTIC INSTINCTS
David Pascual-Ezama¹, Nora Muñoz², Daniel F. Rin³, Beatriz Gil-Gómez de Liaño³
¹ Universidad Complutense de Madrid
² Centro Universitario de Estudios Financieros
³ Universidad Autónoma de Madrid

TOWARD A PSYCHOLOGY OF SURROGATE DECISION-MAKING
Richard Tunney¹, Fenja Ziegler²
¹ University of Nottingham
² University of Lincoln

JUDGING RISKS IN DIFFERENT DOMAINS: THE RATIO BIAS VS CONSTRUAL LEVEL THEORY REVISITED
Volker Thoma
School of Psychology, University of East London

REWARD-RELATED DECISIONS FROM DESCRIPTION AND EXPERIENCE: CONTRIBUTIONS OF COMMON AND DISTINCT VALUATION PROCESSES
Christopher Madan¹,², Elliot Ludvig³, Marcia Spetch²
¹ Boston College
² University of Alberta
³ University of Warwick

12:40 – 13:40

Falla Room

CLOSING CEREMONY
THE PSYCHOLOGY OF SCARCITY AND ITS CONSEQUENCES
Keynote Speaker:
Eldar Shafir, Princeton University