SATURDAY 9 MARCH

Daily Highlights

**Fred Kavli Keynote Address**

*19:00 – 20:00 (7:00 PM – 8:00 PM) | Grand Amphitheatre*

**Evolution of Emotions and Empathy in Primates**

*Frans B.M. de Waal, Emory University, Department of Psychology, USA; Utrecht University, Department of Psychology, Netherlands*

**Register**

*07:30 – 21:00 | Hall Bordeaux/Level 3 (7:30 AM – 9:00 PM)*

**Poster Storage and Cloakroom**

*07:30 – 21:30 | Hall Bordeaux/Level 3 (7:30 AM – 9:30 PM)*

**Exhibits Open**

*10:00 – 19:00 and 20:00 – 21:30 | ICPS Exhibit Hall (Hall Bordeaux/Level 3) (10:00 AM – 7:00 PM) and (8:00 PM – 9:30 PM)*

**Saturday Evening Reception**

*20:00 – 21:30 | ICPS Exhibit Hall (8:00 PM – 9:30 PM)*

**Integrative Science Symposia**

**Collective Emotions in Cooperation and Conflict**

*08:30 – 10:50 | Amphitheatre Havane (8:30 AM – 10:50 AM)*

**How Changing Our Bodies Changes Our Selves**

*08:30 – 10:50 | Salle Maillot (8:30 AM – 10:50 AM)*

**Human Culture: What Is It and How Does It Work?**

*13:00 – 15:20 | Amphitheatre Havane (1:00 PM – 3:20 PM)*

**Studying Perception: Is It Worth It?**

*13:00 – 15:20 | Salle Maillot (1:00 PM – 3:20 PM)*

**The Consequences of the Evolution of Language on the Mind**

*16:00 – 18:20 | Amphitheatre Havane (4:00 PM – 6:20 PM)*

**Saturday Morning Coffee**

*11:00 – 11:30 | ICPS Exhibit Hall (11:00 AM – 11:30 AM)*

**Special Events**

**The Editors’ Corner: Conducting and Publishing Integrative Science**

*11:30 – 12:50 | Room 352A (11:30 AM – 12:50 PM)*

**Poster Sessions**

**Poster Session VIII**

*10:00 – 10:50 | ICPS Exhibit Hall (10:00 AM – 10:50 AM)*

**Setup: 9:50 (9:50 AM)**

**Poster Session IX**

*11:30 – 12:20 | ICPS Exhibit Hall (11:30 AM – 12:20 PM)*

**Setup: 11:20 (11:20 AM)**

**Poster Session X**

*14:30 – 15:20 | ICPS Exhibit Hall (2:30 PM – 3:20 PM)*

**Setup: 14:20 (2:20 PM)**

**Poster Session XI**

*17:30 – 18:20 | ICPS Exhibit Hall (5:30 PM – 6:20 PM)*

**Setup: 17:20 (5:20 PM)**

**Poster Session XII**

*20:00 – 20:50 | ICPS Exhibit Hall (8:00 PM – 8:50 PM)*

**Setup: 18:50 (6:50 PM)**

**Workshops**

**Body Ownership Illusions as Experimental Tools in Psychological Science and Cognitive Neuroscience**

*11:30 – 12:50 | Room 251 (11:30 AM – 12:50 PM)*

**Emotions in Group Conflict and Cooperation**

*11:30 – 12:50 | Room 351 (11:30 AM – 12:50 PM)*

**Studying Cognition Across Languages and Cultures (a.k.a. Studying Cognition): Methods and Approaches**

*11:30 – 12:50 | Room 352B (11:30 AM – 12:50 PM)*

**Conceptual Tools for the Study of Culture**

*16:00 – 17:20 | Room 351 (4:00 PM – 5:20 PM)*

**Trial-By-Trial Data Model Fitting**

*16:00 – 17:20 | Room 251 (4:00 PM – 5:20 PM)*

For posters and full program details, use the ICPS app (search for “ICPS 2019” in the app store) or visit www.icps2019.org/program.
## INTEGRATIVE SCIENCE SYMPOSIUM

**08:30 – 10:50 | Amphitheatre Havane**  
*(8:30 AM – 10:50 AM)*

### Collective Emotions in Cooperation and Conflict

Sporting events, political rallies, religious gatherings, and street demonstrations all testify to the importance of collective emotions in social groups. Yet, the mechanisms and consequences of collective emotions remain poorly understood. This symposium addresses the factors that distinguish collective emotions from their individual counterparts, how these emotions contribute to the emergence and consolidation of social identities, and the role they play in the digital age.

### PRESENTATIONS

**Fitter with Friends: Social Bonds and Support in Joint Physical Activity**

Emma Cohen  
*University of Oxford, Institute of Cognitive and Evolutionary Anthropology, United Kingdom*

**Polarisation 2.0: Social Media, Political Identity, and Emotional Reinforcement**

Paolo Gerbaudo  
*King’s College London, Department of Digital Humanities, United Kingdom*

**Studying Collective Emotions in the Context of Violent Conflicts: Challenges and Opportunities**

Eran Halperin  
*Baruch Ivcher School of Psychology, Interdisciplinary Center (IDC) Herzliya, Israel*

**Collective Emotions and Alignment**

Bernard Rime  
*Université catholique de Louvain, Faculté de psychologie et des sciences de l’éducation, Belgium*

**The We and the Crowd: Shared Emotions and Emotional Contagion**

Dan Zahavi  
*University of Copenhagen, Department of Media, Cognition and Communication, Denmark*

**Discussant: Christian von Scheve,**  
*Freie Universität Berlin, Institute of Sociology, Germany*

### LINKED WORKSHOPS

**11:30 – 12:50 | Room 351**  
*(11:30 AM – 12:50 PM)*

**Emotions in Group Conflict and Cooperation**

Emma Cohen  
*University of Oxford, Institute of Cognitive and Evolutionary Anthropology, United Kingdom*

Eran Halperin  
*Baruch Ivcher School of Psychology, Interdisciplinary Center (IDC) Herzliya, Israel*

See page 70 for details.
How Changing Our Bodies Changes Our Selves

No other period in history has seen such preoccupation with and dedication to the presentation, manipulation, and modification of the physical body—particularly its appearance—as a way to experience and socially share the self. This symposium takes a scientific perspective on the tension between identity and change at a time when technology increasingly helps us alter our appearance or present it to others.

PRESENTATIONS

The Bodily Self Shapes Higher Cognitive Functions Related to Self and Identity
Henrik Ehrsson
Karolinska Institutet, Department of Neuroscience, Sweden

Andrea Serino
University Hospital of Lausanne, Department of Clinical Neurosciences, Switzerland

How the Beauty Industry Influences Our Sense of Self
Carolyn Mair
Psychology for Fashion, United Kingdom

Virtual Body Representation Can Change the Self
Mel Slater
University of Barcelona, Department of Clinical Psychology and Psychobiology, Spain

LINKED WORKSHOP

11:30 – 12:50 | Room 251
(11:30 AM – 12:50 PM)
Body Ownership Illusions as Experimental Tools in Psychological Science and Cognitive Neuroscience
Henrik Ehrsson
Karolinska Institutet, Sweden

See page 69 for details.
08:30 – 09:20 | Room 343
(8:30 AM – 9:20 AM)
Open Science Toolbox: Leveraging Methodological Reforms to Accelerate Research
CHAIR: Richard A Klein, Université Grenoble Alpes, France

PRESENTATIONS:
Richard A Klein, Université Grenoble Alpes, France
Benedict C. Jones, University of Glasgow, United Kingdom
Lisa M. DeBruine, University of Glasgow, United Kingdom
Niamh Stack, University of Glasgow, United Kingdom

08:30 – 09:50 | Room 243
(8:30 AM – 9:50 AM)
Addressing the Homunculus in the Room – Alternative Mechanisms to Account for Cognitive Control
CHAIR: Torsten Martiny-Huenger, UiT The Arctic University of Norway, Norway

PRESENTATIONS:
Baptist Liefooghe, Ghent University, Belgium
Christina Pfeuffer, Albert-Ludwigs-University Freiburg, Germany
Torsten Martiny-Huenger, UiT The Arctic University of Norway, Norway
Elger Abrahamse, Basque Center on Cognition, Brain and Language, Spain

08:30 – 09:50 | Room 353
(8:30 AM – 9:50 AM)
Applying Principles of Persuasion to Prevent Misuse of Psychoactive Substances: Ambivalence, Norms, and Vested Interest
CHAIR: William D. Crano, Claremont Graduate University, USA

PRESENTATIONS:
William D. Crano, Claremont Graduate University, USA
Eusebio M Alvaro, Claremont Graduate University, USA
Jason T. Siegel, Claremont Graduate University, USA
Candice D. Donaldson, Claremont Graduate University, USA
DISCUSSANT: Erin O’Brien, Claremont Graduate University, USA

08:30 – 09:50 | Room 342A
(8:30 AM – 9:50 AM)
Childhood Maltreatment and Emotion Dysregulation: Pathways to Psychopathology
CHAIR: Andrei C. Miu, Babes-Bolyai University, Romania

PRESENTATIONS:
Stephanie H. Parade, E. P. Bradley Hospital; Alpert Medical School of Brown University, USA
Hilary A. Marusak, Wayne State University, USA
Andrei C. Miu, Babes-Bolyai University, Romania
Renate S. M. Buisman, Leiden University, Netherlands

08:30 – 09:50 | Room 342B
(8:30 AM – 9:50 AM)
Do Minimal Psychological Interventions Reduce the Mental Health Gap in Low and Middle Income Countries?
CHAIR: Steven D. Hollon, Vanderbilt University, USA

PRESENTATIONS:
Steven D. Hollon, Vanderbilt University, USA
Claudi L. H. Bockting, University of Amsterdam, Netherlands
Fu Zhongfang, Amsterdam UMC, University of Amsterdam, Netherlands
DISCUSSANT: Claudi L. H. Bockting, University of Amsterdam, Netherlands

08:30 – 09:50 | Room 242A
(8:30 AM – 9:50 AM)
Evolving Perspectives on Mental Health Issues in Clinical and Subclinical Samples: Evidence from Longitudinal Data
CHAIR: Patrick WL Leung, The Chinese University of Hong Kong, China

PRESENTATIONS:
Patrick WL Leung, The Chinese University of Hong Kong, China
Cecilia A. Essau, University of Roehampton, United Kingdom
Suzanne HW So, The Chinese University of Hong Kong, China
Raymond C. Chan, Institute of Psychology, Chinese Academy of Sciences, China

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08:30 – 09:50 | Room 352B
(8:30 AM – 9:50 AM)
**Issues with Meta-Analysis: Bias, Heterogeneity, Reproducibility**
CHAIR: Jelte Wicherts, Tilburg University, Netherlands

**PRESENTATIONS:**
Jelte Wicherts, Tilburg University, Netherlands
Anton Olsson-Collentine, Tilburg University, Netherlands
Esther Maassen, Tilburg University, Netherlands
Annelieke Roest, University of Groningen, Netherlands

08:30 – 09:50 | Room 251
(8:30 AM – 9:50 AM)
**Social-Cognitive Development in South Africa**
CHAIR: Nadine Michelle Lindinger, University of Cape Town, South Africa

**PRESENTATIONS:**
Gaironeesa Hendricks, University of Cape Town, South Africa
Nadine Michelle Lindinger, University of Cape Town, South Africa
Susan Malcolm-Smith, University of Cape Town, South Africa
Lea-Ann Pileggi, University of Cape Town, South Africa

08:30 – 09:50 | Room 341
(8:30 AM – 9:50 AM)
**Novel Methods for Research with Marginalized Populations**
CHAIR: Sheree M. Schrager, California State University, Northridge, USA

**PRESENTATIONS:**
Ekaterina Burduli, Washington State University, USA
Mary Rose Mamey, University of Southern California, USA
Boyns David, California State University, Northridge, USA
Sheree M. Schrager, California State University, Northridge, USA

08:30 – 09:50 | Room 242B
(8:30 AM – 9:50 AM)
**The Concepts of Sameness and Difference across Ages and Species**
CHAIR: Jean-Rémy Hochmann, CNRS, France
CO-CHAIR: Edward A. Wasserman, University of Iowa, USA

**PRESENTATIONS:**
Edward A. Wasserman, University of Iowa, USA
Joel Fagot, Aix Marseille Université, France
Judit Gervain, Université Paris Descartes, France
Jean-Rémy Hochmann, CNRS, France

08:30 – 09:50 | Room 241
(8:30 AM – 9:50 AM)
**Political Decisions Under Influence**
CHAIR: Lou Safra, Département d’Études Cognitives, Ecole normale supérieure, France

**PRESENTATIONS:**
Manos Tsakiris, Royal Holloway, University of London, United Kingdom
Lou Safra, Département d’Études Cognitives, Ecole normale supérieure; CEVIPOF, Sciences Po, France
Laura Cram, University of Edinburgh, United Kingdom
Kevin T Arceneaux, Temple University, USA

08:30 – 09:50 | Room 252A
(8:30 AM – 9:50 AM)
**The Development of Understanding Beliefs and Reasons**
CHAIR: Tobias Schlicht, Ruhr-Universität Bochum, Germany

**PRESENTATIONS:**
Hans-Johann Glock, University Zürich, Switzerland
Josef Perner, University of Salzburg, Austria
Albert Newen, Ruhr-Universität Bochum, Germany
Tobias Schlicht, Ruhr-Universität Bochum, Germany

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08:30 – 09:50 | Room 252B
(8:30 AM – 9:50 AM)
The Evolution of Personality in Humans and Other Primates

CHAIR: Alexander Weiss, University of Edinburgh, United Kingdom
CO-CHAIR: Chris von Rueden, University of Richmond, USA

PRESENTATIONS:
Joseph Manson, University of California, Los Angeles, USA
Jordan Scott Martin, Emory University, USA
Chris von Rueden, University of Richmond, USA
Alexander Weiss, University of Edinburgh, United Kingdom

08:30 – 09:50 | Room 315
(8:30 AM – 9:50 AM)
Theoretical and Empirical Advances in Prospective Memory

CHAIR: Mathieu Hainselin, CRP-CPO, EA 7273, France

PRESENTATIONS:
Matthias Kliegel, Laboratoire du vieillissement cognitif, France
Alexandrine Morand, INSERM-EPHE, U1077, France
Geoffrey Blondelle, CRP-CPO, EA 7273, France

08:30 – 09:50 | Room 352A
(8:30 AM – 9:50 AM)
Funding Opportunities in the Social, Behavioral, and Economic Sciences at the U.S. National Science Foundation

The National Science Foundation has many opportunities for funding innovative, basic social, behavioral, and economic science. This presentation provides an overview of the Foundation and Programs in the Social, Behavioral, and Economic Sciences Directorate. Funding opportunities for collaborating with your U.S. colleagues are discussed.

PRESENTATIONS:
Tamera Schneider, National Science Foundation
Marc Sebrechts, National Science Foundation

08:30 – 09:50 | Room 351
(8:30 AM – 9:50 AM)
Uncovering the Costs and Benefits to Popular Diversity Programs across Schools and Workplaces

CHAIR: Adriana Germano, University of Washington, USA
CO-CHAIR: Sapna Cheryan, University of Washington, USA

PRESENTATIONS:
Teri Kirby, University of Exeter, United Kingdom
Leigh Wilton, Skidmore College, USA
Adriana Germano, University of Washington, USA

08:30 – 09:50 | Room 253
(8:30 AM – 9:50 AM)
Universality and Diversity in Event Cognition

CHAIR: Ercenur Ünal, Özyeğin University, Turkey
CO-CHAIR: Monique Flecken, Max Planck Institute for Psycholinguistics, Netherlands

PRESENTATIONS:
Branka Milivojevic, Donders Institute for Brain, Cognition and Behaviour, Radboud University, Netherlands
Ercenur Ünal, Özyeğin University, Turkey
Aslı Aktan-Erciyes, Koç University; Kadir Has University, Turkey
Monique Flecken, Max Planck Institute for Psycholinguistics, Netherlands

Poster Session VIII
10:00 – 10:50 | ICPS Exhibit Hall
(10:00 AM – 10:50 PM)
SETUP: 09:50 | (9:50 AM)
10:00 – 11:20 | Room 341
(10:00 AM – 11:20 AM)

**Adaptive Hot Cognition: How Environmental and Technological Changes Shape Spatial and Social Cognition. a Cross-Species, Cross-Cultural Comparison.**

**CHAIR:** Francine L. Dolins, University of Michigan, USA

**PRESENTATIONS:**
- Karline Janmaat, University of Amsterdam, Netherlands
- Mariska E. Kret, Leiden University, Netherlands
- Francine L. Dolins, University of Michigan, USA
- Elizabeth Cashdan, University of Utah, USA

**DISCUSSANT:** Frans B.M. de Waal, Emory University, USA

10:00 – 11:20 | Room 243
(10:00 AM – 11:20 AM)

**Aging and Autobiographical Memory**

**CHAIR:** Alejandra Zaragoza Scherman, Aarhus University, Denmark

**CO-CHAIR:** Katrine Rasmussen, Aarhus University, Denmark

**PRESENTATIONS:**
- Katrine Rasmussen, Aarhus University, Denmark
- Signy Sheldon, McGill University, Canada
- Burcu Demiray, University of Zurich, Switzerland
- Alejandra Zaragoza Scherman, Aarhus University, Denmark

**DISCUSSANT:** Dorthe Berntsen, Aarhus University, Denmark

10:00 – 11:20 | Room 252A
(10:00 AM – 11:20 AM)

**An Interdisciplinary Exploration of Visual Attention As a Tool for Social Communication and Behavioral Coordination**

**CHAIR:** Matthias S Gobel, Brunel University London, United Kingdom

**CO-CHAIR:** Heather Ferguson, University of Kent, United Kingdom

**PRESENTATIONS:**
- Olga Dal Monte, Yale University, USA
- Matthias S Gobel, Brunel University London, United Kingdom
- Elizabeth Milne, The University of Sheffield, United Kingdom
- Heather Ferguson, University of Kent, United Kingdom

**DISCUSSANT:** Antonia Hamilton, University College London, United Kingdom

10:00 – 11:20 | Room 351
(10:00 AM – 11:20 AM)

**Bodily Pleasure and the Self: Experimental, Pharmacological and Clinical Studies on Affective Touch**

**CHAIR:** Laura Crucianelli, Karolinska Institute, Sweden

**CO-CHAIR:** Louise P Kirsch, University College London, United Kingdom

**PRESENTATIONS:**
- Louise P Kirsch, University Pierre et Marie Curie - Paris 6, CNRS UMR 7222; University College London, United Kingdom
- Chris Dijkerman, Utrecht University, Netherlands
- Giorgia Silani, University of Vienna, Austria
- Laura Crucianelli, University College London; Karolinska Institute, United Kingdom

10:00 – 11:20 | Room 352B
(10:00 AM – 11:20 AM)

**Developmental Adaptation to Stress: Longitudinal Tests of an Evolutionary-Developmental Model**

**CHAIR:** Bruce J. Ellis, University of Utah, USA

**PRESENTATIONS:**
- Betty Lin, SUNY Albany, USA
- Daniel Adkins, University of Utah, USA
- Bruce J. Ellis, University of Utah, USA
- Gillian Pepper, Newcastle University, United Kingdom

10:00 – 11:20 | Room 252B
(10:00 AM – 11:20 AM)

**Do Smart Homes Make Smart Children? How Technology in the Home Affects Children’s Learning and Family Interactions**

**CHAIR:** Nicola Yuill, University of Sussex, United Kingdom

**PRESENTATIONS:**
- Brenna Hassinger-Das, Pace University, New York City, USA
- Amanda Carr, Canterbury Christ Church University, United Kingdom
- Nicola Yuill, University of Sussex, United Kingdom

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10:00 – 11:20 | Room 352A
(10:00 AM – 11:20 AM)

**Early Development of Superior Cognitive Functions**

**CHAIR:** M. Rosario Rueda, University of Granada, Spain

Organized under the auspices of the European Association for Developmental Psychology. The early development of superior cognitive functions during infancy and toddlerhood has undergone enormous progress in the past decades, thanks to technological advancements and researchers’ creativity. In this symposium, we will discuss timely research in the early development of four cognitive domains: language, social cognition, action understanding, and executive attention.

**PRESENTATIONS:**
- Janette Chow, University of Oxford, United Kingdom
- Agnes Kovacs, Central European University, Hungary
- Sabine Hunnius, Radboud University, Netherlands
- M. Rosario Rueda, University of Granada, Spain

10:00 – 11:20 | Room 342A
(10:00 AM – 11:20 AM)

**Extreme Means: How Sex, Guns, Social Media, and Self-Sacrifice Are Used to Attain Social Goals**

**CHAIR:** Edward Orehek, University of Pittsburgh, USA

**PRESENTATIONS:**
- Catalina E. Kopetz, Wayne State University, USA
- Jocelyn J. Bélanger, New York University, Abu Dhabi, United Arab Emirates
- Pontus Leander, University of Groningen, Netherlands
- Edward Orehek, University of Pittsburgh, USA

10:00 – 11:20 | Room 353
(10:00 AM – 11:20 AM)

**Improving the Transparency of Your Research One Step at a Time**

**CHAIR:** Michèle B. Nuijten, Tilburg University, Netherlands

**PRESENTATIONS:**
- Christina Bergmann, Max Planck Institute for Psycholinguistics, Netherlands
- Alexandra Sarafoglou, University of Amsterdam, Netherlands
- Kaitlyn M. Werner, Carleton University, Canada

**DISCUSSANT:** Michèle B. Nuijten, Tilburg University, Netherlands

10:00 – 11:20 | Room 242B
(10:00 AM – 11:20 AM)

**Nurturing Intelligence: Opportunities and Limits**

**CHAIR:** Heiner Rindermann, Chemnitz University of Technology, Germany

**PRESENTATIONS:**
- Heiner Rindermann, Chemnitz University of Technology, Germany
- Laura Ackermann, Technische Universität Chemnitz, Germany
- Rene Bochmann, Chemnitz University of Technology, Germany
- David Becker, Chemnitz University of Technology, Germany

10:00 – 11:20 | Room 241
(10:00 AM – 11:20 AM)

**Questioning Assumptions of Social Essentialism**

**CHAIR:** Nicole Betz, Northeastern University, USA

**PRESENTATIONS:**
- Nicole Betz, Northeastern University, USA
- Aidan Feeney, Queen’s University, Belfast, United Kingdom
- Jessica Leffers, Northeastern University, USA
- Tara Mandalaywala, University of Massachusetts Amherst, USA

**DISCUSSANT:** John D. Coley, Northeastern University, USA

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10:00 – 11:20 | Room 343
(10:00 AM – 11:20 AM)
Racial Discrimination, Ethnic-Racial Socialization, and Suicide Crisis: Advances in African American Psychological Science
CHAIR: Enrique W. Neblett Jr., University of North Carolina at Chapel Hill, USA

PRESENTATIONS:
Shauna M. Cooper, University of North Carolina at Chapel Hill, USA
Mia A. Smith-Bynum, University of Maryland, College Park, USA
Anthony L. Burrow, Cornell University, USA
Rheeda L. Walker, University of Houston, USA

10:00 – 11:20 | Room 342B
(10:00 AM – 11:20 AM)
The Role of Domain-General Abilities in the Development of Basic Arithmetic Skills.
CHAIR: Tali Leibovich-Raveh, University of Haifa, Israel
CO-CHAIR: Naama Katzin, Ben-Gurion University of the Negev, Israel

PRESENTATIONS:
Naama Katzin, Ben-Gurion University of the Negev, Israel
Bert Reynvoet, KU Leuven, Belgium
Gaia Scerif, University of Oxford, United Kingdom
DISCUSSANT: Tali Leibovich-Raveh, University of Haifa, Israel

10:00 – 11:20 | Room 313-314
(10:00 AM – 11:20 AM)
Recent Advances in Memory-Detection Research
CHAIR: Nathalie Klein Selle, The Hebrew University of Jerusalem, Israel

PRESENTATIONS:
Gershon Ben-Shakhar, The Hebrew University of Jerusalem, Israel
Kristina Suchotzki, University of Würzburg, Germany
Yoni Pertzov, The Hebrew University of Jerusalem, Israel
Nathalie Klein Selle, The Hebrew University of Jerusalem, Israel

10:00 – 11:20 | Room 312
(10:00 AM – 11:20 AM)
The Impact of Cognitive Styles on False Beliefs
CHAIR: Carmen Sanchez, Cornell University, USA
CO-CHAIR: David Dunning, University of Michigan, Ann Arbor, USA

PRESENTATIONS:
Karen Douglas, University of Kent, United Kingdom
Jonas de Keersmaecker, Ghent University, Belgium
Carmen Sanchez, Cornell University, USA
Sander van der Linden, University of Cambridge, United Kingdom
DISCUSSANT: David Dunning, University of Michigan, Ann Arbor, USA

10:00 – 11:20 | Room 253
(10:00 AM – 11:20 AM)
The Various Moderating Roles of Ethnic-Racial Discrimination in the Lives of Ethnic-Racial Minorities: Three Perspectives across Adolescence and Adulthood
CHAIR: Fantasy T Lozada, Virginia Commonwealth University, USA

PRESENTATIONS:
Alexandra M Merritt, Virginia Commonwealth University, USA
Kristina B Hood, Virginia Commonwealth University, USA
Fantasy T Lozada, Virginia Commonwealth University, USA

10:00 – 11:20 | Room 242A
(10:00 AM – 11:20 AM)
Triggers of Headache and Migraine: New Insights and Methods of Management
CHAIR: Paul Russell Martin, Australian National University, Australia

PRESENTATIONS:
Dana Turner, Harvard Medical School, USA
Timothy Houle, Harvard Medical School, USA
Timo Klän, University of Mainz, Germany
Paul Russell Martin, Australian National University, Australia
DISCUSSANT: Frank Andrasik, University of Memphis, USA

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10:00 – 11:20 | Room 315
(10:00 AM – 11:20 AM)
**Visual Signaling of Social Intentions: Insights from Brain and Behavior in Human and Non-Human Primates**

**CHAIR:** Asli Ozyurek, Radboud University, Netherlands

**CO-CHAIR:** Simone Pika, University of Osnabruck, Austria

**PRESENTATIONS:**
- James Trujillo, Radboud University, Netherlands
- Christina Becchio, University of Turin, Italy
- Simone Pika, University of Osnabruck, Austria
- Katja Liebal, Freie Universität Berlin, Germany

11:30 – 12:50 | Room 252B
(11:30 AM – 12:50 PM)
**Adult Aging and Social Cognition: The Role of Context, Cognitive Resources and Training in Older Adults’ Theory of Mind.**

**CHAIR:** Louise Phillips, University of Aberdeen, United Kingdom

**CO-CHAIR:** Min Hooi Yong, Sunway University, Malaysia

**PRESENTATIONS:**
- Min Hooi Yong, Sunway University, Malaysia
- Sarah Grainger, University of Queensland, Australia
- Louisa Lawrie, University of Aberdeen, United Kingdom
- Elena Cavallini, University of Pavia, Italy

**DISCUSSANT:** Louise Phillips, University of Aberdeen, United Kingdom

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WORKSHOP

11:30 – 12:50 | Room 251
(11:30 AM – 12:50 PM)

**Body Ownership Illusions as Experimental Tools in Psychological Science and Cognitive Neuroscience**

Henrik Ehrsson, Karolinska Institutet, Sweden

When we look down at our bodies, we immediately perceive that they belong to us. This perceptual experience of a body or body part as one’s own is referred to as “body ownership.” In this workshop, the speaker will discuss how perceptual body illusions can be used to study the cognitive processes that underpin the sense of ownership of one’s body and various aspects of body representation. In particular, the focus will be on different versions of the rubber-hand illusion and the full-body ownership illusion, and the best ways to elicit and quantify such perceptual phenomena will be considered.

11:30 – 12:50 | Room 251
(11:30 AM – 12:50 PM)

**Culture and Perception on Self across Time**

CHAIR: Emily Hong, Queen’s University, Canada
CO-CHAIR: Suhui Yap, Queen’s University, Canada

PRESENTATIONS:
- Li-Jun Ji, Queen’s University, Canada
- Emily Hong, Queen’s University, Canada
- Suhui Yap, Queen’s University, Canada

11:30 – 12:50 | Room 253
(11:30 AM – 12:50 PM)

**Current and Future Directions in the Psychology of Religion**

CHAIR: Adam Baimel, University of Oxford, United Kingdom

PRESENTATIONS:
- Emily Burdett, University of Nottingham; University of Oxford, United Kingdom
- Valerie van Mulukom, Coventry University, United Kingdom
- Adam Baimel, University of Oxford, United Kingdom
- Aiyana K. Willard, Brunel University London, United Kingdom

11:30 – 12:50 | Room 341
(11:30 AM – 12:50 PM)

**Bridging the Clinical and Research Gap: Longitudinal Research at a Community Mental Health Training Clinic**

CHAIR: William F. Chaplin, St. John’s University, USA

PRESENTATIONS:
- Saniya Tabani, St. John’s University, USA
- Danielle Miller, St. John’s University, USA
- Alexandra Checkers, St. John’s University, USA
- Linh L. P. Nguyen, St. John’s University, USA
11:30 – 12:50 | Room 241
(11:30 AM – 12:50 PM)
**Economic Change, Psychological Change and Cultural Evolution**
*Chair: Grèzes Julie, INSERM, France*

**Presentations:**
- Lou Safra, Laboratoire de Neurosciences Cognitives - INSERM U960, France
- Nicolas Baumard, École Normale Supérieure, France
- Alberto Acerbi, Eindhoven University of Technology, Netherlands
- Bentley Alexander, University of Tennessee, United States Minor Outlying Islands

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**WORKSHOP**

11:30 – 12:50 | Room 351
(11:30 AM – 12:50 PM)
**Emotions in Group Conflict and Cooperation**
*Emma Cohen, University of Oxford, United Kingdom
Eran Halperin, Baruch Ivcher School of Psychology, Interdisciplinary Center (IDC) Herzliya, Israel*

What psychological processes guide human conflict and cooperation, how can we measure them, and can they be regulated or changed? In this workshop, we will introduce a broad range of conceptual and methodological approaches that we have used to investigate emotional processes in the context of conflict and cooperation, emphasizing affective mechanisms on the individual, small group, and collective levels. Using examples from our own work and beyond, we will discuss merits and limitations of different conceptual approaches and methodological tools for addressing current challenges in the field, both scientific and applied.

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**SPECIAL EVENT**

11:30 – 12:50 | Room 352A
(11:30 AM – 12:50 PM)
**The Editors’ Corner: Conducting and Publishing Integrative Science**
*Chair: Asifa Majid, University of York, Department of Psychology, United Kingdom*

**Presentations:**
- Simine Vazire, University of California, Associate Editor of Advances in Methods and Practices in Psychological Science (AMPPS), Davis, USA
- Nora S. Newcombe, Temple University, Psychological Science in the Public Interest (Editor in Chief), USA
- John Carson, Springer Nature, Behavioural and Social Sciences (Senior Editor), Springer Nature, United Kingdom
- Lindsey Drayton, Cell Press, Trends in Cognitive Sciences (Editor), USA

It is widely accepted that integrative science—that spans disciplinary boundaries, geographic borders, and levels of analysis—is urgently needed in order to tackle some of the most important problems facing society today. At the same time, the path toward integrative science faces many challenges. Disciplines can differ in what is considered an appropriate research question, the methods they use for collecting data, even what constitutes data in the first place. Given these differences, how do journals dedicated to publishing integrative science of human behaviour evaluate and judge research? What are the barriers and best practices for publishing integrative science papers? What are the tips for early career researchers who are embracing an integrative approach? A unique panel of editors of leading psychological science journals will answer these questions and share their perspectives on integrative research.
11:30 – 12:50 | Room 352B
(11:30 AM – 12:50 PM)
**Workshop**

**Studying Cognition Across Languages and Cultures (a.k.a. Studying Cognition): Methods and Approaches**

Lera Boroditsky, University of California, San Diego, USA, USA

The vast majority of research on human cognition has focused on undergraduates at elite universities. This means our current scientific understanding of the human mind is narrow and biased. This in turn presents exciting opportunities. Basic fundamental questions about human nature are at stake and much remains to be discovered. The speaker will present some practical methodological approaches for broadening the scope of inquiry.

11:30 – 12:50 | Room 342A
(11:30 AM – 12:50 PM)
**Innovative Approaches to Assessing and Understanding Person-Situation Dynamics in the Workplace**

CHAIR: Sang Eun Woo, Purdue University, USA

PRESENTATIONS:
Kai Horstmann, Humboldt-Universität zu Berlin, Germany
John F. Rauthmann, Humboldt University of Berlin; Universität zu Lübeck, Germany
Rachel Saef, Purdue University, USA
Bart Wille, University of Antwerp, Belgium

DISCUSSANT: Filip DeFruyt, Ghent University, Belgium

11:30 – 12:50 | Room 315
(11:30 AM – 12:50 PM)
**Memory and Learning in Autism Spectrum Disorder: Refining Understanding and Broadening Focus.**

CHAIR: Dermot M. Bowler, City, University of London, United Kingdom

PRESENTATIONS:
Pierre Desaunay, Normandie Université, UNICAEN, PSL Research University, France
Melanie Ring, Technische Universität Dresden, Germany
Anna Lambrechts, City, University of London, United Kingdom
Janani Prabhakar, University of California Davis, USA
DISCUSSANT: Sebastian B. Gaigg, City, University of London, United Kingdom

11:30 – 12:50 | Room 342B
(11:30 AM – 12:50 PM)
**Memory, Virtual Reality and Aging**

CHAIR: Pascale Piolino, Paris Descartes University, France

PRESENTATIONS:
Kouloud Abichou, University Paris Descartes, Memory and Cognition Lab; INSERM U894, France
Benjamin Boller, Research center, Institut universitaire de gériatrie de Montréal; Department of psychology, Université du Québec à Trois-Rivières, Canada
Silvia Serino, MySpace Lab, Department of Clinical Neurosciences, University Hospital Lausanne (CHUV), Switzerland
Valentina La Corte, University Paris Descartes, Memory and Cognition Lab; INSERM U894; Institut de la Mémoire et de la Maladie d’Alzheimer (IM2A), Département de Neurologie, Hôpital Pitié-Salpêtrière, AP-HP, Paris, France
11:30 – 12:50 | Room 343 (11:30 AM – 12:50 PM)
Meta-Analysis: Informative Tools
CHAIR: Marcel Van Assen, Tilburg University, Netherlands
PRESENTATIONS:
Marcel Van Assen, Tilburg University, Netherlands
Robbie Van Aert, Tilburg University, Netherlands
Hilde Augusteijn, Tilburg University, Netherlands
Xinru Li, Leiden University, Netherlands

11:30 – 12:50 | Room 313-314 (11:30 AM – 12:50 PM)
Navigating the Social Network in Late Childhood and Adolescence: Social and Economic Decision-Making in a Peer Context
CHAIR: David Pollard, University of Birmingham, United Kingdom
PRESENTATIONS:
Miriam Hollarek, Vrije Universiteit Amsterdam, Netherlands
Nikki Lee, Vrije Universiteit Amsterdam, Netherlands
Stephanie Burnett Heyes, University of Birmingham, United Kingdom
David Pollard, University of Birmingham, United Kingdom

11:30 – 12:50 | Room 243 (11:30 AM – 12:50 PM)
Proust’s Legacy: Contemporary Approaches to Autobiographical Memory
CHAIR: Sinué Salgado, Aarhus University, Denmark
PRESENTATIONS:
Alexandra Ernst, Laboratoire de Psychologie & NeuroCognition (LPNC CNRS 5105), Université Grenoble-Alpes, France, France
Sinué Salgado, Aarhus University, Denmark
Jane Plailly, CNRS UMR 5292 - INSERM U1028 - Université Lyon 1, Lyon, France, France
Chris J. A. Moulin, Laboratoire de Psychologie & NeuroCognition (LPNC CNRS 5105), Université Grenoble-Alpes, France

11:30 – 12:50 | Room 242A (11:30 AM – 12:50 PM)
Social Decision-Making Under Risk and Uncertainty
CHAIR: Anne-Marie Nussberger, University of Oxford, United Kingdom
PRESENTATIONS:
Anne-Marie Nussberger, University of Oxford, United Kingdom
Andreas Kappes, City, University of London, United Kingdom
Joerg A. J. Gross, Leiden University, Netherlands
Valerio Capraro, Middlesex University, United Kingdom

11:30 – 12:50 | Room 242B (11:30 AM – 12:50 PM)
Universal Vs. Language-Specific Factors in the Processing of Iconic Structures
CHAIR: Gerardo Ortega, University of Birmingham, United Kingdom
PRESENTATIONS:
Marcus Perlman, University of Birmingham, United Kingdom
Gerardo Ortega, University of Birmingham, United Kingdom
Francie Manhardt, Radboud University, Netherlands
DISCUSSANT: Mark Dingemanse, Max Planck Institute for Psycholinguistics, Netherlands

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INTEGRATIVE SCIENCE SYMPOSIUM
13:00 – 15:20 | Amphitheatre Havane
(1:00 PM – 3:20 PM)

Human Culture: What Is It and How Does It Work?

Culture has been credited for humanity’s success as a biological species. Recent developments, however, suggest social learning—the capacity to learn from others—is not a uniquely human ability, but is distributed relatively widely in nature. How, then, is human culture different from cultures of other species? How did culture help humanity spread across the continents? What are the consequences of culture to cumulative cultural evolution and the future of humanity?

PRESENTATIONS

How Culture Affects Genomic Patterns and Evolutionary Optimization
Marcus Feldman
Stanford University, Department of Biology, USA

Culture Rush? Cultural Dynamics in the Process of Becoming Human
Miriam Haidle
Heidelberg Academy of Sciences and Humanities, The Role of Culture in Early Expansions of Humans, Germany

Cultural Transmission Involves Self-Conscious Learners
Henrike Moll
University of Southern California, Department of Psychology, USA

What Culture Is Not
Dan Sperber
Institut Jean Nicod, Department of Cognitive Science, France

LINKED WORKSHOP
16:00 – 17:20 | Room 351
(4:00 PM – 5:20 PM)

Conceptual Tools for the Study of Culture
Dan Sperber
Institut Jean Nicod, Department of Cognitive Science, France

See page 83 for details.

Integrative Science Symposia explore major scientific topics in a cross-cutting, interdisciplinary manner, with presentations from investigators in neuroscience, genetics, anthropology, linguistics, and many other fields.

For posters and full program details, use the ICPS app (search for “ICPS 2019” in the app store) or visit www.icps2019.org/program.
INTEGRATIVE SCIENCE SYMPOSIUM
13:00 – 15:20 | Salle Maillot
(1:00 PM – 3:20 PM)

Studying Perception: 
Is It Worth It?

The separation between perception and cognition is a basic distinction made in psychological education and can be found in any textbook. Recent data appear, however, to erase this distinction. For example, cognition appears to affect processing from the very first moments, and there appear to be reciprocal connections between most levels of neural processing. At the same time, it may be valuable to distinguish between top-down and bottom-up mechanisms. Given these breakthroughs in our understanding of how the brain works, is it time to drop the distinction between perception and cognition?

PRESENTATIONS:

The Spatio-Temporal Dynamics of Perception and Cognition in the Human Brain: All at Once
Aude Oliva
Massachusetts Institute of Technology, Computer Science & Artificial Intelligence Lab, USA

Distinguishing between Seeing and Thinking Helps to Reveal How the Mind Works
Brian J. Scholl
Yale University, Department of Psychology, USA

The Border between Thinking and Seeing
Ned Block
New York University, Department of Philosophy, USA

Sensory Processing Reflects Learned, Associative Expectations from the First Inputs to the Brain
John McGann
Rutgers, The State University of New Jersey, Department of Psychology, USA

Bridging Perception and Cognition: 
How We Decide What to Attend to
Yael Niv
Princeton University, Princeton Neuroscience Institute and Department of Psychology, USA

LINKED WORKSHOP:
16:00 – 17:20 | Room 251
(4:00 PM – 5:20 PM)
Trial-By-Trial Data Model Fitting
Yael Niv
Princeton University, Princeton Neuroscience Institute and Department of Psychology, USA

See page 86 for details.
13:00 – 14:20 | Room 313-314
(1:00 PM – 2:20 PM)
**A Global Village for Student Learning, Community Building, and Institutional Collaboration**
CHAIR: Jae H. Paik, San Francisco State University, USA

**PRESENTATIONS:**
- Shinchieh Duh, San Jose State University, USA
- Rita Rodriguez, San Francisco State University, USA
- Guanzhi Zhang, Southwest University of Science and Technology, China
- Gabrielle Lai, Temasek Polytechnic, Singapore

13:00 – 14:20 | Room 351
(1:00 PM – 2:20 PM)
**Approaching Gender Equity: Evidence from Research on Quota-Based Hiring, #Metoo, and Language Change**
CHAIR: April Bailey, Yale University, USA

**PRESENTATIONS:**
- Christa Nater, University of Bern, Switzerland
- Robbie Sutton, University of Kent, United Kingdom
- Marie S. Gustafsson Senden, Stockholm University, Sweden
- April Bailey, Yale University, USA
DISCUSSANT: Marianne LaFrance, Yale University, USA

13:00 – 14:20 | Room 252A
(1:00 PM – 2:20 PM)
**Causal Judgment and Blame Attribution**
CHAIR: Mark D. Alicke, Ohio University, USA
CO-CHAIR: Daniel Simon, University of Southern California, USA

**PRESENTATIONS:**
- Lara-Christina Kirfel, University College, London, United Kingdom
- Denis Hilton, University of Toulouse II, France
- Mark D. Alicke, Ohio University, USA
- Daniel Simon, University of Southern California, USA

13:00 – 14:20 | Room 243
(1:00 PM – 2:20 PM)
**Children with Neuro-Developmental Disorders: Using Mobile Health Technology to Support Language and Communication**
CHAIR: Rose A. Sevcik, Georgia State University, USA

**PRESENTATIONS:**
- MaryAnn Romski, Georgia State University, USA
- Juan Bornman, University of Pretoria, South Africa
- Elena Radici, University of Milano - Bicocca, Italy
DISCUSSANT: Jun Ren Lee, National Taiwan Normal University, Taiwan

13:00 – 14:20 | Room 242B
(1:00 PM – 2:20 PM)
**Emerging Themes and Therapeutic Tactics in Behavioral Medicine**
CHAIR: Amelia M. Stanton, The University of Texas at Austin, USA

**PRESENTATIONS:**
- Bradley T. Conner, Colorado State University, USA
- Mariel S. Bello, University of Southern California, USA
- Amelia M. Stanton, The University of Texas at Austin, USA
- Kevin Vowles, University of New Mexico, USA
DISCUSSANT: Jasper AJ Smits, The University of Texas at Austin, USA

13:00 – 14:20 | Room 342B
(1:00 PM – 2:20 PM)
**Finding Strength through Adversity: Post Adversarial Growth Among Immigrants and Refugees**
CHAIR: Andrea Belgrade, University of Michigan, USA

**PRESENTATIONS:**
- Andrea Belgrade, University of Michigan, USA
- Wehrle Katja, Justus-Liebig-University Giessen, Germany
- Shima Sadaghiyani, University of Michigan, USA
- Jelena Zikic, York University, Canada

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13:00 – 14:20  | Room 341
(1:00 PM – 2:20 PM)
From the Lab to the Clinic: Translational Approaches to the Treatment of Addiction
CHAIR: Katie Witkiewitz, University of New Mexico, USA

PRESENTATIONS:
Katie Witkiewitz, University of New Mexico, USA
Eric D. Claus, MIND Research Network, USA
Andrew Jones, University of Liverpool, United Kingdom
Miles Cox, Bangor University, United Kingdom

13:00 – 14:20  | Room 241
(1:00 PM – 2:20 PM)
How Stereotypes Affect Interpersonal Behaviors in Small Group Interactions in STEM
CHAIR: Neil Anthony Lewis Jr., Cornell University, USA

PRESENTATIONS:
Lorelle Meadows, Michigan Technological University, USA
Neil Anthony Lewis Jr., Cornell University, USA
Denise J. Sekaquaptewa, University of Michigan, USA

13:00 – 14:20  | Room 343
(1:00 PM – 2:20 PM)
Innovative Approaches to Internalizing Psychopathology: Identifying People at Risk and New Targets for Intervention
CHAIR: Marlou Poppelaars, Radboud University, Behavioural Science Institute, Netherlands

PRESENTATIONS:
Marlou Poppelaars, Radboud University, Behavioural Science Institute, Netherlands
Marieke C. Wichers, University of Groningen, University Medical Center Groningen, Netherlands
Anouk Tuinman, Radboud University, Behavioural Science Institute; Trimbos Institute, Netherlands
Claudi L. H. Bockting, University of Amsterdam, Netherlands
DISCUSSANT: Adele M. Hayes, University of Delaware, USA

13:00 – 14:20  | Room 335
(1:00 PM – 2:20 PM)
Neural Mechanisms of Effort Mobilization and Cognitive Control
CHAIR: Nicolas Silvestrini, University of Geneva, Switzerland

PRESENTATIONS:
Nicolas Silvestrini, University of Geneva, Switzerland
Sebastian Musslick, Princeton University, USA
Anne S. Berry, University of California, Berkeley, USA
Eliana Vassena, Donders Institute for Brain, Cognition and Behaviour, Netherlands

13:00 – 14:20  | Room 352B
(1:00 PM – 2:20 PM)
Outrage: Collective Behavior in Response to Social Inequality
CHAIR: Daniel C. Richardson, University College London, United Kingdom

PRESENTATIONS:
Gillian Pepper, University of Newcastle, United Kingdom
Christina Sagioglou, University of Innsbruck, Austria
Jorina Von Zimmerman, University College London, United Kingdom
Daniel Mirza, Universite de Tours, France
DISCUSSANT: Guillaume Dezecache, Division of Language and Psychological Sciences, United Kingdom

13:00 – 14:20  | Room 251
(1:00 PM – 2:20 PM)
Semantic Approaches in Psychology
CHAIR: Tomas Urbanek, Institute of Psychology of the Czech Academy of Sciences, Czech Republic
CO-CHAIR: Shulamith Kreitler, Tel Aviv University, Israel

PRESENTATIONS:
Filip Miroslav, Institute of Psychology of the Czech Academy of Sciences, Czech Republic
Shulamith Kreitler, Tel Aviv University, Israel
Tomas Urbanek, Institute of Psychology of the Czech Academy of Sciences, Czech Republic
13:00 – 14:20 | Room 352A
(1:00 PM – 2:20 PM)
Social Relations Within and Across Cultures

CHAIRS: Toni C. Antonucci, University of Michigan, USA
        Kristine Ajrouch, Eastern Michigan University, USA

Organized under the auspices of the International Society for the Study of Behavioural Development. The presenters examine social relations in different ages and cultures. Yamamoto and Li consider cultural differences in children's perception of parental support. Ajrouch and Antonucci examine race differences in friendship in the United States. Vogel et al. consider volunteering among German immigrants while Jackson reports on cross-race friendships in the United States. Finally, Akiyama discusses social relations in Japan's changing society.

PRESENTATIONS:
        Hiroko Akiyama, University of Tokyo, Japan
        James S. Jackson, University of Michigan, Ann Arbor, USA
        Claudia Vogel, German Centre of Gerontology, Germany
        Yoko Yamamoto, Brown University, USA
        Kristine Ajrouch, Eastern Michigan University, USA

13:00 – 14:20 | Room 242A
(1:00 PM – 2:20 PM)
The Importance of Boldness/Fearless Dominance in the Measurement of Psychopathy

CHAIR: Lynam R Donald, Purdue University, USA

PRESENTATIONS:
        Bruno Verschuer, University of Amsterdam, Netherlands
        Joshu Miller, University of Georgia, USA
        Mieke Decuyper, Thomas More University, Belgium
        Lynam R Donald, Purdue University, USA

13:00 – 14:20 | Room 342A
(1:00 PM – 2:20 PM)
The Rationalization of Inequality: Privilege Denial, White Identity Politics, and Tolerance of Bigotry

CHAIR: Miguel M Unzueta, University of California, Los Angeles, USA

PRESENTATIONS:
        Taylor Phillips, New York University, USA
        Eric D. Knowles, New York University, USA
        Miguel M Unzueta, University of California, Los Angeles, USA

13:00 – 14:20 | Room 253
(1:00 PM – 2:20 PM)
The Role of Synchrony in Psychological Processes

CHAIR: Allison Skinner, Northwestern University, USA
CO-CHAIR: Sylvia P. Perry, Northwestern University, USA

PRESENTATIONS:
        Sylvia P. Perry, Northwestern University, USA
        Sara F. Waters, Washington State University, Vancouver, USA
        Allison Skinner, Northwestern University, USA

13:00 – 14:20 | Room 352B
(1:00 PM – 2:20 PM)
Social Thermoregulation: Exploring the Link between Close Relationships and Thermoregulation

CHAIR: Gizem Surenkok, Cornell University, USA
CO-CHAIR: Cindy Hazan, Cornell University, USA

PRESENTATIONS:
        Hans IJzerman, Université Grenoble Alpes, France
        Chuan-peng Hu, Johannes Gutenberg University, Germany
        Gizem Surenkok, Cornell University, USA
DISCUSSANT: Cindy Hazan, Cornell University, USA

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SPECIAL EVENT

14:30 – 15:20 | Room 352A
(2:30 PM – 3:20 PM)
An Introduction to the RDoC Initiative: History, Current Status, and Updates

CHAIR: Uma Vaidyanathan, National Institute of Mental Health, USA

This conversation hour will focus on a brief introduction to the U.S. National Institute of Mental Health’s Research Domain Criteria (RDoC) initiative and provide updates on its current status and future plans. Attendees are encouraged to bring any questions they may have for an open discussion during the session.

14:30 – 15:50 | Room 353
(2:30 PM – 3:50 PM)
Can Cognitive Emotion Regulation be Effortless?

CHAIR: Jason Scot Moser, Michigan State University, USA
CO-CHAIR: Ethan F. Kross, University of Michigan, USA

PRESENTATIONS:
Jason Scot Moser, Michigan State University, USA
Ethan F. Kross, University of Michigan, USA
Stephanie M. Carlson, University of Minnesota, USA
Roni Shafir, Tel Aviv University, Israel

14:30 – 15:50 | Room 342B
(2:30 PM – 3:50 PM)
Clinical Priorities in Autism: Sleep, Sensorimotor Control and Communication

CHAIR: Matthew Kenneth Belmonte, Nottingham Trent University, United Kingdom

PRESENTATIONS:
Thomas Bourgeron, Institut Pasteur, France
Paul Gringras, Evelina London Children’s Hospital, United Kingdom
Megha Sharda, Université de Montréal, Canada
Matthew Kenneth Belmonte, Nottingham Trent University, United Kingdom

14:30 – 15:50 | Room 242A
(2:30 PM – 3:50 PM)

CHAIR: Claire Ann Banga, University of Edinburgh, United Kingdom

PRESENTATIONS:
Claire Ann Banga, University of Edinburgh, United Kingdom
Aubrey Lyn Borgen, Central Michigan University, USA
Megan Duvenage, Griffith University, Australia
DISCUSSANT: Kathryn L Modecki, Griffith University, Australia

14:30 – 15:50 | Room 242B
(2:30 PM – 3:50 PM)
Coming Out Again and Again: Disclosure of Sexual Orientation and Gender Identity to Healthcare Providers Among LGBTQ Patients

CHAIR: Perry N. Halkitis, Rutgers University, USA

PRESENTATIONS:
Christopher Barrett Stults, Baruch College, City University of New York, USA
Marybec Griffin, New Jersey City University, USA
Jessica Jaiswal, Yale University, USA
Caleb LoSchiavo, Rutgers University, USA

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14:30 – 15:50 | Room 315
(2:30 PM – 3:50 PM)
Gamification of Urban Pathways to Increase Spontaneous Engagement in Leisure Physical Activity
CHAIR: Yvonne N. Delevoye-Turrell, University of Lille, France

PRESENTATIONS:
Adamantia Batistatou, University of Lille, France
Keith Davids, Sheffield Hallam University, United Kingdom
Oriol Marquet, North Carolina State University, USA
Tanya Krzywinska, Flamouth University, United Kingdom

14:30 – 15:50 | Room 351
(2:30 PM – 3:50 PM)
Of Princes and Paupers: Understanding the Origins of Attitudes Towards Economic Redistribution
CHAIR: Gary Lewis, Royal Holloway, University of London, United Kingdom

PRESENTATIONS:
Ariel Malka, Yeshiva University, USA
Gary Lewis, Royal Holloway, University of London, United Kingdom
Christina Starmans, University of Toronto, Canada
Michael Bang Petersen, Aarhus University, Denmark

14:30 – 15:50 | Room 253
(2:30 PM – 3:50 PM)
Listening to the Other: Powerful, and Dyadic
CHAIR: Avraham N. Kluger, The Hebrew University of Jerusalem, Israel

PRESENTATIONS:
Avraham N. Kluger, The Hebrew University of Jerusalem, Israel
Thomas E. Malloy, Rhode Island College, USA
Sarit Pery, The Hebrew University of Jerusalem, Israel
Avraham N. Kluger, The Hebrew University of Jerusalem, Israel

14:30 – 15:50 | Room 252B
(2:30 PM – 3:50 PM)
Partisan Psychological Barriers to Addressing Climate Change
CHAIR: Leaf D. Van Boven, University of Colorado Boulder, USA

PRESENTATIONS:
Xiaying Zhao, University of British Columbia, Canada
Sander van der Linden, University of Cambridge, United Kingdom
Leaf D. Van Boven, University of Colorado Boulder, USA
Immo Fritsche, Universität Leipzig, Germany

14:30 – 15:50 | Room 313-314
(2:30 PM – 3:50 PM)
New Insights and Evidence on the Social Function of the Cerebellum
CHAIR: Frank J. Van Overwalle, Vrije Universiteit Brussel, Belgium

PRESENTATIONS:
Frank J. Van Overwalle, Vrije Universiteit Brussel, Belgium
Giusy Olivito, Sapienza Universita di Roma, Italy
Chiari Ferrari, University of Milano-Bicocca, Italy

14:30 – 15:50 | Room 343
(2:30 PM – 3:50 PM)
Predicting Political Attitudes: When the Left-Right Distinction Is Insufficient
CHAIR: Leor Zmigrod, University of Cambridge, United Kingdom
CO-CHAIR: Sanaz Talaifar, University of Texas, Austin, USA

PRESENTATIONS:
Leor Zmigrod, University of Cambridge, United Kingdom
Ashwini Ashokkumar, University of Texas, Austin, USA
Leila Eisner, University of Lausanne, Switzerland
Sanaz Talaifar, University of Texas, Austin, USA

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14:30 – 15:50 | Room 251
(2:30 PM – 3:50 PM)
**Promoting Equality in an Unequal Society: Psychological and Societal Barriers**

**CHAIR:** Céline Darnon, Université Clermont Auvergne, France

**PRESENTATIONS:**
- Leanne S. Son Hing, University of Guelph, Canada
- Mesmin Destin, Northwestern University, USA
- Frederique Autin, University of Poitiers, France
- Céline Darnon, Université Clermont Auvergne, France

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14:30 – 15:50 | Room 252A
(2:30 PM – 3:50 PM)
**The Dynamics of Social Interaction: New Approaches for Neuroscience & Autism**

**CHAIR:** Antonia Hamilton, University College London, United Kingdom

**PRESENTATIONS:**
- Antonia Hamilton, University College London, United Kingdom
- Vanessa Era, Sapienza University of Rome, Italy
- Sander Begeer, Vrije University Amsterdam, Netherlands
- Alexandra Georgescu, Kings College London, United Kingdom

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14:30 – 15:50 | Room 352B
(2:30 PM – 3:50 PM)
**The Psychology of the Good and Bad: New Methods and Theory on Evaluative Learning**

**CHAIR:** Jeremy D. Cone, Williams College, USA

**PRESENTATIONS:**
- Melissa J. Ferguson, Cornell University, USA
- Sean Hughes, Ghent University, Netherlands
- Jan De Houwer, Ghent University, Belgium
- Mandy Hütter, Eberhard Karls Universität Tübingen, Germany

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14:30 – 15:50 | Room 342A
(2:30 PM – 3:50 PM)
**They’ll Always Have Research Methods: Teaching Integrative Science to Undergraduates**

**CHAIR:** Beth A. Morling, University of Delaware, USA
**CO-CHAIR:** Eric Landrum, Boise State University, USA

**PRESENTATIONS:**
- Beth A. Morling, University of Delaware, USA
- Michele B. Nuijten, Tilburg University, Netherlands
- Eric Landrum, Boise State University, USA

**DISCUSSANT:** Aaron S. Richmond, Metropolitan State University of Denver, USA

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14:30 – 15:50 | Room 241
(2:30 PM – 3:50 PM)
Where Do Our Expectations Lead Us? the Effects of Commitment and Trust on Cognition, Joint Action, and Communication
CHAIR: Natalie Sebanz, Central European University, Hungary
CO-CHAIR: Ruth Mayo, The Hebrew University of Jerusalem, Israel
PRESENTATIONS:
Ruth Mayo, The Hebrew University of Jerusalem, Israel
James Strachan, Central European University, Hungary
John Michael, University of Warwick, United Kingdom
DISCUSSANT: Guenther Knoblich, Central European University, Hungary

14:30 – 15:50 | Room 243
(2:30 PM – 3:50 PM)
Where the Mind Wanders: Spontaneous Thoughts and Involuntary Autobiographical Memories
CHAIR: Tine Bennedsen Gehrt, Aarhus University, Denmark
PRESENTATIONS:
Krystian Barzykowski, Applied Memory Research Laboratory, Poland
Adriana del Palacio-Gonzalez, Aarhus University, Denmark
Tine Bennedsen Gehrt, Aarhus University, Denmark
DISCUSSANT: Dorthe Berntsen, Aarhus University, Denmark

The APS Rising Star designation recognizes outstanding psychological scientists in the earliest stages of their post-PhD research careers. Nominations will be evaluated based on the following criteria:

- significant publications
- significant recognitions
- significant discoveries, methodological innovations, or theoretical or empirical contributions
- work with potentially broad impact

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Nominations Process: Each nomination must be supported by two APS Members, one of whom must be an APS Fellow. For information on submitting nominations, please visit:
www.psychologicalscience.org/rising-stars
INTEGRATIVE SCIENCE SYMPOSIUM
16:00 – 18:20 | Amphitheatre Havane
(4:00 PM – 6:20 PM)

The Consequences of the Evolution of Language on the Mind

The separation between perception and cognition is a basic distinction made in psychological education and can be found in any textbook. Recent data appear, however, to erase this distinction. For example, cognition appears to affect processing from the very first moments, and there appear to be reciprocal connections between most levels of neural processing. At the same time, it may be valuable to distinguish between top-down and bottom-up mechanisms. Given these breakthroughs in our understanding of how the brain works, is it time to drop the distinction between perception and cognition?

PRESENTATIONS

Language and Cognition
Lera Boroditsky
University of California, San Diego, Department of Cognitive Science, USA

What Language Is Ours?
José Morais
Université Libre de Bruxelles, Centre for Research in Cognition & Neurosciences, Belgium

Language for the Social Mind
Jennie E. Pyers
Wellesley College, Department of Psychology, USA

Cognition without Language: The Primate Roots of Human Thought
Alexandra Rosati
University of Michigan, Ann Arbor, Department of Psychology, USA

LINKED WORKSHOPS

11:30 – 12:50 | Room 352B
(11:30 PM – 12:50 PM)
Studying Cognition Across Languages and Cultures (a.k.a. Studying Cognition): Methods and Approaches
Lera Boroditsky
University of California, San Diego, Department of Cognitive Science, USA
See page 71 for details.

Integrative Science Symposia explore major scientific topics in a cross-cutting, interdisciplinary manner, with presentations from investigators in neuroscience, genetics, anthropology, linguistics, and many other fields.

For posters and full program details, use the ICPS app (search for “ICPS 2019” in the app store) or visit www.icps2019.org/program.
WORKSHOP

16:00 – 17:20 | Room 351
(4:00 PM – 5:20 PM)
Conceptual Tools for the Study of Culture

Dan Sperber, Institut Jean Nicod, France

This workshop will present a variety of conceptual tools for a naturalistic approach to culture. How do individual cognitive processes and interindividual interactions broaden into population-scale cultural phenomena? What are the psychological and ecological factors that explain cultural stability and evolution? What is cultural attraction?

For posters and full program details, use the ICPS app (search for “ICPS 2019” in the app store) or visit www.icps2019.org/program.
16:00 – 17:20 | Room 241
(4:00 PM – 5:20 PM)
Exploring the Boundaries of Stereotype Threat: Lessons for Improving Performance in Real World Settings
CHAIR: Steven Spencer, The Ohio State University, USA
CO-CHAIR: Miroslaw Kofta, University of Warsaw, Poland
PRESENTATIONS:
Anna Redzio, University of Warsaw, Poland
Steven Spencer, The Ohio State University, USA
Isabelle Régner, Aix-Marseille University, France
DISCUSSANT: Michal Bilewicz, University of Warsaw, Poland

The National Academies of SCIENCES ENGINEERING MEDICINE

16:00 – 17:20 | Room 352A
(4:00 PM – 5:20 PM)
Future Applications of the Social and Behavioral Sciences to Intelligence Analysis
CHAIR: Sujeeta Bhatt, National Academies of Sciences, Engineering, and Medicine, USA
CO-CHAIR: Barbara Wanchisen, National Academies of Sciences, Engineering, and Medicine, USA
Organized under the auspices of The Board on Behavioral, Cognitive, and Sensory Sciences (BBCSS), United States National Academy of Sciences.
The evolving nature of national security threats requires intelligence analysts to utilize cutting-edge knowledge and methods. Social and behavioral science research (focused on human behavior and social processes) is critical to the development and application of methods used in intelligence analysis. Examples of cutting-edge, interdisciplinary research and applications are discussed.
PRESENTATIONS:
Jeremy Wolfe, Harvard Medical School and Brigham and Women's Hospital, USA
Gregory Treverton, University of Southern California, USA
Nancy Cooke, Arizona State University, USA

16:00 – 17:20 | Room 343
(4:00 PM – 5:20 PM)
Human Action Decisions: Cognitive and Neural Mechanisms
CHAIR: Patrick Haggard, University College London, United Kingdom
PRESENTATIONS:
Etienne Koechlin, Ecole Normal Superieure, France
Lucie Charles, University College London, United Kingdom
Patrick Haggard, University College London, United Kingdom
Janet Metcalfe, Columbia University, USA

16:00 – 17:20 | Room 343B
(4:00 PM – 5:20 PM)
Interpersonal Synchrony: Genes, Brains and Behavior in Social Interaction
CHAIR: Gayannee Kedia, University of Graz, Austria
PRESENTATIONS:
Gayannee Kedia, University of Graz, Austria
Stefanie Hoehl, University of Vienna, Austria
Alexandra Georgescu, Institute of Cognitive Neuroscience, University College London, United Kingdom
Guillaume Dumas, Florida Atlantic University, United States Minor Outlying Islands

16:00 – 17:20 | Room 352B
(4:00 PM – 5:20 PM)
Mutual Influences between Culture and the Brain: Implications for Self, Social Class, and Health
CHAIR: Shinobu Kitayama, University of Michigan, USA
PRESENTATIONS:
Fei Wang, Tsinghua University, China
Gennady Knyazev, Institute of Physiology and Basic Medicine, Russian Federation
Laurette Dube, McGill University, Canada
Shinobu Kitayama, University of Michigan, USA

For posters and full program details, use the ICPS app (search for “ICPS 2019” in the app store) or visit www.icps2019.org/program.
16:00 – 17:20 | Room 252B
(4:00 PM – 5:20 PM)
Preparing Youth for the World: The Racial, Political, and Academic Socialization of Racial-Ethnic Minority and Immigrant Adolescents in the United States
CHAIR: Naila A. Smith, Dickinson College, USA
PRESENTATIONS:
Elan Hope, North Carolina State University, USA
Fatima Varner, University of Texas at Austin, USA
Latisha L. Ross, University of Virginia, USA
Naila A. Smith, Dickinson College, USA

16:00 – 17:20 | Room 353
(4:00 PM – 5:20 PM)
The Divided Kingdom: Psychological Perspectives on the Antecedents and Consequences of Brexit As a Geopolitical Event
CHAIR: Lara Ditrich, Leibniz-Institut für Wissensmedien Tübingen, Germany
PRESENTATIONS:
Julie Van de Vyver, Durham University, United Kingdom
Fuschia M. Sirois, The University of Sheffield, United Kingdom
Adam K. Fetterman, University of Texas at El Paso, USA
Lara Ditrich, Leibniz-Institut für Wissensmedien Tübingen, Germany

16:00 – 17:20 | Room 342B
(4:00 PM – 5:20 PM)
Reducing Intergroup Hostility from Above and below
CHAIR: Emile Bruneau, Annenberg School of Communication, University of Pennsylvania, USA
CO-CHAIR: Samantha Moore-Berg, Annenberg School of Communication, University of Pennsylvania, USA
PRESENTATIONS:
Orly Idan, Baruch Ivcher School of Psychology, Interdisciplinary Center (IDC) Herzliya, Israel
Boaz Hameiri, Annenberg School of Communication, University of Pennsylvania; Beyond Conflict Innovation Lab, USA
Emile Bruneau, Annenberg School of Communication, University of Pennsylvania; Beyond Conflict Innovation Lab, USA
Samantha Moore-Berg, Annenberg School of Communication, University of Pennsylvania; Beyond Conflict Innovation Lab, USA

16:00 – 17:20 | Room 242A
(4:00 PM – 5:20 PM)
The Individual Vs. the Average: Revisiting Brain, Mind, and Body Mechanisms of Behavior Change in Addiction Science
CHAIR: Marsha E Bates, Rutgers University - New Brunswick, USA
CO-CHAIR: Sara Jo Nixon, University of Florida, USA
PRESENTATIONS:
Katie Witkiewitz, University of New Mexico, USA
Jennifer F Buckman, Rutgers University - New Brunswick, USA
Janna Cousijn, University of Amsterdam, Netherlands
DISCUSSANT: Marsha E Bates, Rutgers University - New Brunswick, USA

16:00 – 17:20 | Room 253
(4:00 PM – 5:20 PM)
Relationships – the Good, the Bad, the Ugly
CHAIR: Kerry Anne McBain, James Cook University, Australia
CO-CHAIR: Beryl Buckby, James Cook University, Australia
PRESENTATIONS:
Hollie Baxter, James Cook University, Australia
Raquel Peel, James Cook University, Australia
Sarah Lutkin, James Cook University, Australia
Beryl Buckby, James Cook University, Australia

For posters and full program details, use the ICPS app (search for “ICPS 2019” in the app store) or visit www.icps2019.org/program.
The Real Virtues of Virtual Reality in Social Cognition: The Case of Approach-Avoidance

CHAIR: Ivane Nuel, Paris Descartes, France
CO-CHAIR: Marie-Pierre Fayant, Paris Descartes, France

PRESENTATIONS:
Juliane Degner, Hamburg University, Germany
Ivane Nuel, Paris Descartes, France
Anand Krishna, Universität Würzburg, Germany

DISCUSSANT: Theodore Alexopoulos, Paris Descartes, France

Trial-By-Trial Data Model Fitting

Yael Niv, Princeton University, USA

Computational models such as reinforcement learning models can be seen as precisely defined hypotheses about how experimental conditions will affect behavioral and neural data. This workshop will provide tools for testing such hypotheses: How we can use detailed trial-by-trial choices or reaction times to test hypotheses about model parameters (e.g., learning rate, exploration rate) and to compare different computational models. The methods are useful for any time-varying data in which one cannot average the data and use t tests.

Can we talk about smells? The neurobiological, psycholinguistic and cognitive links between olfaction and language.

CHAIR: Valentina Parma, Karolinska Institutet, Sweden
CO-CHAIR: Jonas K. Olofsson, Stockholm University, Sweden

PRESENTATIONS:
Theresa L. White, Le Moyne College, USA
Jonas K. Olofsson, Stockholm University, Sweden
Francesca Franzon, International School for Advanced Studies (SISSA), Italy

Dissociating Neural Mechanisms of Choice: Recent Developments

CHAIR: David M. Cole, Utah State University, USA

PRESENTATIONS:
Jan Peters, University of Cologne, Germany
Pattij Tommy, VU University Medical Center, Netherlands
David M. Cole, Utah State University, USA

It Takes Two to Tango (in the Mind): Interpersonal Influences on Cognitive Processes

CHAIR: Xun He, Bournemouth University, United Kingdom

PRESENTATIONS:
Natalie Sebanz, Central European University, Hungary
Mingyuan Chu, University of Aberdeen, United Kingdom
Miles R A Tufft, University College London, United Kingdom
Basil Wahn, University of British Columbia, Canada

DISCUSSANT: Xun He, Bournemouth University, United Kingdom
17:30 – 18:50 | Room 352B
(5:30 PM – 6:50 PM)
**Rapid Social Change and Its Resistance: The Search for Underlying Dynamics**
CHAIR: **Robin Vallacher**, Florida Atlantic University, USA
CO-CHAIR: **Stephen J. Read**, University of Southern California, USA
**PRESENTATIONS:**
- Andrzej Nowak, Warsaw University, Poland
- Maria Chayinska, Pontificia Universidad Católica de Chile, Chile
- Namkje Koudenburg, University of Groningen, Netherlands
- Jiin Jung, Claremont Graduate University, USA

17:30 – 18:50 | Room 315
(5:30 PM – 6:50 PM)
**Recent Advances in Ability Emotional Intelligence Research: Examining Predictive Utility and Mechanisms**
CHAIR: **Sally G. Olderbak**, University of Ulm, Germany
**PRESENTATIONS:**
- Sally G. Olderbak, University of Ulm, Germany
- Carolyn MacCann, University of Sydney, Australia
- Zorana Ivcevic, Yale University, USA
- Marina Fiori, University of Applied Science Western Switzerland, Switzerland
DISCUSSANT: **Elizabeth J. Austin**, The University of Edinburgh, United Kingdom

17:30 – 18:50 | Room 353
(5:30 PM – 6:50 PM)
**Social Cognition in the Face of Threat**
CHAIR: **Julie Grezes**, Laboratoire de Neurosciences Cognitives - INSERM U960, France
**PRESENTATIONS:**
- Emilie Meaux, Laboratoire de Neurosciences Cognitives - INSERM U960, France
- Rocco Mennella, Laboratoire de Neurosciences Cognitives - INSERM U960, France
- Guillaume Dezecache, Division of Language and Psychological Sciences, United Kingdom

17:30 – 18:50 | Room 341
(5:30 PM – 6:50 PM)
**Spontaneous Person Inferences from Behavior**
CHAIR: **Juliane Degner**, Hamburg University, Germany
**PRESENTATIONS:**
- Diana Orghian, Universidade de Lisboa, Portugal
- Jim Uleman, New York University, USA
- Irmak Okten, University of Delaware, USA
- Felix Kruse, Hamburg University, Germany
DISCUSSANT: **Leonel Garcia-Marques**, Universidade de Lisboa, Portugal

17:30 – 18:50 | Room 342A
(5:30 PM – 6:50 PM)
**The Anatomy of a Psychological Theory**
CHAIR: **Ivan Grahek**, Ghent University, Belgium
CO-CHAIR: **Jennifer L. Tackett**, Northwestern University, USA
**PRESENTATIONS:**
- Ivan Grahek, Ghent University, Belgium
- Mark Schaller, University of British Columbia, Canada
- Steven Miletic, University of Amsterdam, Netherlands
- Klaus Fiedler, University of Heidelberg, Germany
DISCUSSANT: **Jennifer L. Tackett**, Northwestern University, USA
17:30 – 18:50 | Room 243
(5:30 PM – 6:50 PM)
**The Interplay between Memory and Temporality: From Cognition to Society**

**CHAIR:** Pascale Piolino, Paris Descartes University, France

**CO-CHAIR:** Jean Louis Tavani, Laboratoire Parisien de Psychologie Sociale - Université Paris 8 - Vincennes-Saint-Denis, France

**PRESENTATIONS:**
Valentina La Corte, Institut de la Mémoire et de la Maladie d’Alzheimer (IM2A), Département de Neurologie, Hôpital Pitié-Salpêtrière, AP-HP, Paris, France

Julie Collange, Laboratoire Adaptations Travail – Individu (EA 4469) - Université Paris Descartes, France

Octavia Ionescu, Laboratoire Adaptations Travail – Individu (EA 4469) - Université Paris Descartes, France

17:30 – 18:50 | Room 251
(5:30 PM – 6:50 PM)
**The Intersection of Collective Memory and Social Identity**

**CHAIR:** Jeremy Yamashiro, Washington University in St. Louis, USA

**CO-CHAIR:** Travis G. Cyr, The New School for Social Research, USA

**PRESENTATIONS:**
Aline Cordonnier, Université catholique de Louvain, Belgium

Jeremy Yamashiro, Washington University in St. Louis, USA

Travis G. Cyr, The New School for Social Research, USA

Rosa Cabecinhas, University of Minho, Portugal

**DISCUSSANT:** William Hirst, The New School for Social Research, USA

17:30 – 18:50 | Room 343
(5:30 PM – 6:50 PM)
**The Microbiota-Gut-Brain Axis in Psychological Science: From Experimental Neuroscience to Clinical Potential**

**CHAIR:** Laura Steenbergen, Leiden University, Netherlands

**CO-CHAIR:** Paul Enck, University Hospital Tuebingen, Germany

**PRESENTATIONS:**
Gerard Clarke, Cork University Hospital, Ireland

Laura Steenbergen, Leiden University, Netherlands

Alexandru Gaman, Université Paris Est Créteil, France

Paul Enck, University Hospital Tuebingen, Germany

17:30 – 18:50 | Room 242A
(5:30 PM – 6:50 PM)
**Using Virtual Reality to Prepare Clinicians Working with Vulnerable Populations**

**CHAIR:** Sheree M. Schrager, California State University, Northridge, USA

**PRESENTATIONS:**
Sally A. Spencer, California State University, Northridge, USA

Diane R. Gehart, California State University, Northridge, USA

Jennifer V. Pemberton, California State University, Northridge, USA

Kim Roth, Strength United, USA

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**Poster Session XI**
17:30 – 18:20 | ICPS Exhibit Hall
(5:30 PM – 6:20 PM)
**SETUP:**
17:20 | (5:20 PM)

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Evolution of Emotions and Empathy in Primates
Frans B.M. de Waal
Emory University, Department of Psychology, USA; Utrecht University, Department of Psychology, Netherlands

Emotions suffuse much of the language employed by students of animal behavior—from “social bonding” to “alarm calls”—yet are often avoided as explicit topics in scientific discourse. Given the increasing interest of human psychology in the emotions, and the neuroscience of animal emotions such as fear and attachment, the taboo that has hampered animal research in this area is outdated. The main point is to separate emotions from feelings, which are the subjective experiences that accompany emotions. Whereas science has no access to animal feelings, animal emotions are as observable and measurable as human emotions. They are mental and bodily states that potentiate behavior appropriate mostly to social situations. The presenter will discuss early ideas about animal emotions and draw on research on empathy and the perception of emotions in primates to make the point that the study of animal emotions is a necessary complement to the study of behavior. Emotions are best viewed as the organizers of adaptive responses to environmental stimuli.