

Society for NeuroEconomics

NEUROSCIENCE • PSYCHOLOGY • ECONOMICS




TORONTO

15th Annual Meeting 2017

October 6 – 8

Toronto, Canada
Toronto Marriott
Downtown Eaton Centre

 #SNE2017 | @socforneuroecon

www.neuroeconomics.org

PROGRAM AT A GLANCE

Society for Neuroeconomics Program at a Glance															
Toronto Marriott Downtown Eaton Centre Hotel, Toronto, ON															
Time	Friday				Saturday				Sunday						
	Friday, October 06, 2017				Saturday, October 07, 2017				Sunday, October 08, 2017						
8:00	Registration / Information Desk Open Posters on Display (Session 1)				Registration / Information Desk Open Posters on Display (Session 2)					Registration / Information Desk Open Posters on Display (Session 3)					
8:15															Welcome & Opening Remarks
8:30		Session I Value and Choice Mechanisms (8:45 - 10:20)					Session II Learning (08:45 - 10:20)					Session IV Social Preferences and Influences (08:45 - 10:20)			
8:45															
9:00															
9:15															
9:30															
9:45															
10:00		Poster Spotlights I (10:25 - 10:50)					Poster Spotlights II (10:25 - 10:50)					Poster Spotlights III (10:25 - 10:50)			
10:15															
10:30		Poster Session I (10:50 - 13:15)					Poster Session II (10:50 - 13:15)					Poster Session III (10:50 - 13:15)			
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13:00		Buffet Lunch (13:15 - 14:15)					Buffet Lunch (13:15 - 14:15)					Buffet Lunch (13:15 - 14:15)			
13:15															
13:30															
13:45		The Kavli Foundation Social and Decision Science Workshop I (14:15 - 15:45)		The Kavli Foundation Neuroscience Workshop I (14:15 - 15:45)			Session III Strategic Choice (14:15 - 15:25)					Session V Risk & Finance (14:15 - 15:25)			
14:00															
14:15		Coffee Break (15:45 - 16:05)													
14:30															
14:45		The Kavli Foundation Social and Decision Science Workshop II (16:05 - 17:35)		The Kavli Foundation Neuroscience Workshop II (16:05 - 17:35)											
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OUR MISSION

The mission of the Society for NeuroEconomics is to:

Foster research on the foundations of economic behavior by promoting collaboration and discussion among scholars from the psychological, economic, and neural sciences.

Ensure the continued advancement of the field of neuroeconomics by supporting young researchers.

The Society promotes this mission through annual meetings for presentation of original theory and research, and through educational programs to promote development of a common language and set of methodological tools for the field.

ANNUAL MEETING

Since 2003, the Society for NeuroEconomics has been meeting annually to discuss emerging and exciting research in the field of neuroeconomics. These meetings have attracted researchers, students and followers from across the globe to present their work, network and discuss collaborations, obtain valuable feedback from peers and to stay informed about the current research being performed around the globe. If you are active on social media, make sure to hashtag #SNE2017 @socforneuroecon.

14 th Meeting	Aug. 28 – 30, 2016	Berlin, Germany
13 th Meeting	Sept. 25 – 27, 2015	Miami, Florida, USA
12 th Meeting	Sept. 26 – 28, 2014	Miami, Florida, USA
11 th Meeting	Sept. 27 – 29, 2013	Lausanne, Switzerland
10 th Meeting	Sept. 28 – 30, 2012	Miami, Florida, USA
9 th Meeting	Sept. 30 – Oct 2, 2011	Evanston, Illinois, USA
8 th Meeting	Oct. 15 – 17, 2010	Evanston, Illinois, USA
7 th Meeting	Oct. 15 – 17, 2009	INSEAD & Cognitive Neuroscience Unit, École Normale Supérieure

6 th Meeting	Sept. 25 – 28, 2008	Park City, Utah, USA
5 th Meeting	Sept. 27 – 30, 2007	Hull, Massachusetts, USA
4 th Meeting	Sept. 7 – 10, 2006	Park City, Utah, USA
3 rd Meeting	Sept. 15 – 18, 2005	Kiawah Island, South Carolina, USA
2 nd Meeting	2004	Kiawah Island, South Carolina, USA
1 st Meeting	2003	Martha's Vineyard, Massachusetts, USA

SOCIETY FOR NEUROECONOMICS BOARD OF DIRECTORS

Officers

Brian Knutson <i>President</i>	<i>Stanford University</i>
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Valerie Reyna	<i>Cornell University</i>

SOCIETY FOR NEUROECONOMICS COMMITTEE LIST

Nominations Committee

Paul Phillips, Chair	<i>The University of Washington</i>
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Kenway Louie	<i>New York University</i>
Samuel McClure	<i>Arizona State University</i>
Elizabeth Phelps	<i>New York University</i>
Kerstin Preuschoff	<i>University of Geneva</i>
Christine Ruff	<i>University of Zurich</i>
Agnieszka Tymula	<i>University of Sydney</i>

PRESIDENT'S WELCOME

Welcome to the 15th annual meeting of the Society for Neuroeconomics (and the 13th since the Society's 2004 incorporation)! We are delighted to host this year's conference at its first Canadian site – the beautiful and cosmopolitan city of Toronto – and look forward to strengthening our new Canadian bonds in the future.

As in previous years, the conference will include plenary panels, poster presentations, a set of parallel workshops, and a keynote lecture:

- The **panels** and **posters** represent a wide scope spanning the range of neuroeconomics research using approaches that bridge neuroscience, psychology, and economics to study decision making.
- The **workshops** involve tutorial-style presentations intended to help neuroeconomists to integrate these different approaches into their research, and run in parallel on the afternoon of Friday (October 6).
 - The first Kavli Foundation Workshop on Social and Decision Sciences will be led by Johannes Haushofer, Ph.D. Dr. Haushofer is an Assistant Professor of Psychology and Public Affairs at Princeton University, USA, and Director of the Busara Center for Behavioral Economics. His session will focus on field studies of economic choice, and how to extend research from neural and behavioral laboratories to diverse global populations.
 - The second Kavli Foundation Workshop on Social and Decision Sciences will be led by Emily Falk, Ph.D. Dr. Falk is an Associate Professor of Communication, Psychology, and Marketing at the University of Pennsylvania, USA. Her session will focus on the use of neuroimaging data to predict individual, group, and population choice, as well as extensions of network analysis for tracking attitude change.
 - The first Kavli Foundation Workshop on Neuroscience will be led by Russ Poldrack, Ph.D. Dr. Poldrack is the Albert Ray Lang Professor of Psychology at Stanford University, USA, and Director of the Stanford Center for Reproducible Neuroscience. His session will cover challenges and solutions for enhancing the reproducibility of neuroimaging research, with a particular focus on choice studies.
 - The second Kavli Foundation Workshop on Neuroscience will be led by Tor Wager, Ph.D. Dr. Wager is a Professor of Psychology, Neuroscience, and Cognitive Science at the University of Colorado, Boulder, USA. His session will examine neural models and methods for decoding affect, with implications for choice and generalization to the clinic.
- The 8th Annual Kavli Foundation **plenary lecture** will be delivered by Robert Shiller, Ph.D., on Saturday evening (October 7). Dr. Shiller is a Professor of Economics at Yale University, USA, and recipient of the 2013 Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel (among many other accolades). Dr. Shiller is a pioneer not only in applying economic theory to practical problems in financial valuation, but also in linking economics to research on psychology and behavior. He will discuss new work considering the role of viral narratives in driving individual and group choices in economic markets. The lecture will be followed by a dinner at a nearby restaurant with a view of the Toronto skyline.

Throughout the conference, there will be opportunities for informal exchange at poster sessions, buffet lunches, and a cocktail reception, as well as time for social activities outside of scheduled activities. The culture of the conference has evolved to integrate constructive academic discourse during formal sessions with relaxed networking at other times. We eagerly anticipate and encourage you to take advantage of all of these opportunities during your time in Toronto.

Sincerely,

Brian Knutson Ph.D.

President, Society for NeuroEconomics

GENERAL MEETING INFORMATION

Meeting Venue

Toronto Marriott Downtown Eaton Centre
525 Bay Street
Toronto, ON M5G 2L2

Registration

The annual meeting of the Society for NeuroEconomics registration includes admission to all sessions, coffee breaks, lunches as well as to the Networking Cocktail Reception, the 8th Annual Fred Kavli Lecture and an off site dinner.

Name Badges

Kindly wear your name badge at all times as your admission to the sessions and meals. At the end of the conference you are encouraged to recycle your badge at any of the recycle stations or registration desk when you leave.

Please note that Students have Red name badges and Post Doctoral registrants have Blue name badges. If you would like to self identify to other attendees, we have stickers available to place on your name badge.

Red – Ph D Student looking for a Post Doc Position

Green – PI looking for someone to fill a Post Doc position in your lab

Yellow – If you are looking for a position beyond a Post Doc (Senior Post Doc, Fellow, Faculty)

Registration and Information Desk

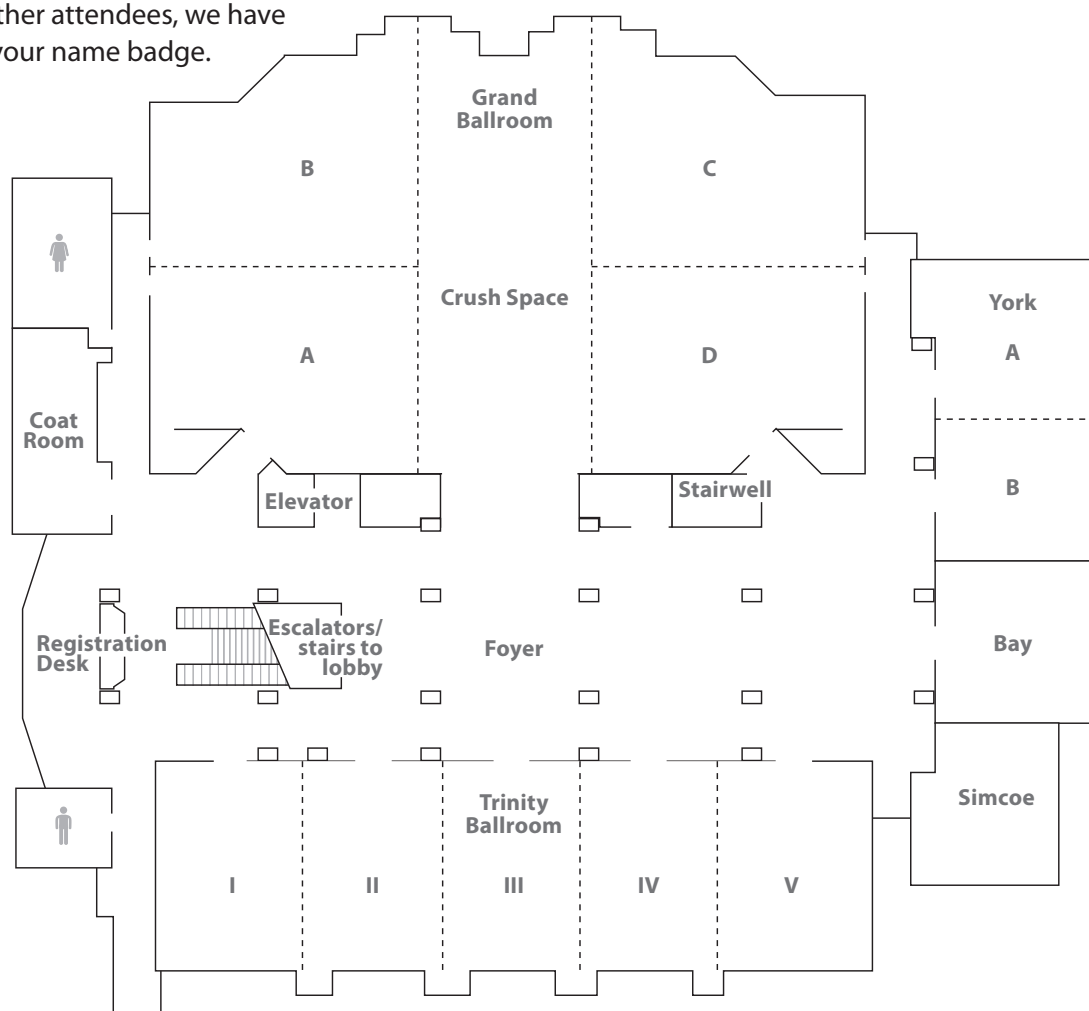
The registration/information desk, located at the base of the escalators in the Foyer, is open daily during meeting session hours:

Friday, October 6	8:00 – 18:00
Saturday, October 7	8:15 – 16:45
Sunday, October 8	8:00 – 17:00

Wireless Internet

Complimentary wireless internet is available to the delegates of the Society for NeuroEconomics Annual Meeting. Please choose the Marriott network **MARRIOTT_CONF** and enter the code: **sne2017**. Complimentary wireless is available throughout the meeting rooms and guest rooms of the hotel. Please note the complimentary WiFi is ideal for checking emails and websites but is not strong enough for streaming videos or heavy social media use.

Hotel Floor Plan



Toronto Information

Please visit the registration desk to pick up a map of Toronto. Gaze out over Toronto from atop the CN Tower, explore Chinatown or even visit the Hockey Hall of Fame and marvel at Lord Stanley's Cup. There are countless things to explore in Toronto, you're only limited by time! Please note, Monday October 9th is Canadian Thanksgiving and many shops will be closed or operating on reduced hours.

Staff

SNE staff from Podium Conference Specialists can be identified by the orange ribbons on their name badges. Volunteers can be identified by the yellow ribbons on their name badges. Feel free to ask any one of our staff for assistance, or visit the registration desk.

Poster Sessions

Please visit our poster presenters during the three poster sessions. Coffee and tea will be served immediately before the poster session and please feel free to enjoy your beverage while reviewing the posters. The posters

are spread throughout the space in the Trinity Ballroom and the Foyer. Information on Poster Authors, Poster Numbers and Poster Titles begins on page 15. For a complete copy of the poster abstracts, please see the downloadable pdf abstract book from the Society for NeuroEconomic website.

Poster Session 1

Set Up: Friday, October 6, 2017
between 08:00 and 08:30
Session Time: 10:50 – 13:15
Tear Down: 19:00

Poster Session 2

Set Up: Saturday, October 7, 2017
between 08:00 and 08:45
Session Time: 10:50 – 13:15
Tear Down: 17:00

Poster Session 3

Set Up: Sunday, October 8, 2017
between 08:00 and 08:30
Session Time: 10:50 – 13:15
Tear Down: 17:00



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6TH CONSUMER NEUROSCIENCE SATELLITE SYMPOSIUM

October 5th 2017
Rotman School
of Management,
University of Toronto

The purpose of the symposium is to take stock of the current knowledge at the intersection of business school research and neuroscience, provide ideas for future research, and allow interested researchers to meet and discuss research ideas.

The symposium is sponsored by the Rotman School of Management, University of Toronto.

Speakers at the symposium include:

William Cunningham *University of Toronto*

Scott Huettel *Duke University*

Deborah Small *University of Pennsylvania*

Organized by:

Nina Mazar *University of Toronto & World Bank*

Hilke Plassmann *INSEAD & ICM Sorbonne University*

Ryan Webb *University of Toronto*

Carolyn Yoon *University of Michigan*

DETAILED PROGRAM

Friday, October 6, 2017

08:30 – 08:45	Welcome and Opening Remarks Brian Knutson <i>Stanford University, President</i>
08:45 – 10:20	SESSION I Value and Choice Mechanisms Chair: Brian Knutson <i>Stanford University</i>
08:45 – 09:05	Neuronal adaptation and optimal coding in economic decisions Camillo Padoa-Schioppa ¹ , Katherine Conen ¹ , Xinying Cai ² , Aldo Rustichini ³ ¹ Washington University in St Louis, ² NYU Shanghai, ³ University of Minnesota
09:10 – 09:30	Value or a cognitive map? Comparing grid-like conceptual representations and subjective value signals during decision-making Linda Yu ¹ , Sangil Lee ¹ , Joseph Kable ¹ ¹ University of Pennsylvania
09:35 – 09:55	The neural correlates of (in)consistency Vered Kurtz ¹ , Dotan Persitz ¹ , Dino Levy ¹ ¹ Tel Aviv University
10:00 – 10:20	Budget effects on demand elasticities depend on anterior cingulate cortex in rat consumers Tobias Kalenscher ¹ , Sandra Schäble ¹ , Marijn van Wingerden ¹ , Yue Hu ¹ ¹ Heinrich Heine University Düsseldorf
10:25 – 10:50	Poster Spotlights I Chair: Hilke Plassmann <i>INSEAD & Cognitive Neuroscience Unit, École Normale Supérieure</i>
10:25 – 10:30	Entropy of Value Representation, Information Maintenance, and the Exploration-Exploitation Tradeoff Alexandre Dombrovski ¹ , Michael Hallquist ² ¹ University of Pittsburgh, ² Penn State University
10:30 – 10:35	Changing preferences: The neural basis of non-reinforced behavioral change Rotem Botvinik Nezer ¹ , Tom Salomon ¹ , Yaniv Assaf ¹ , Tom Schonberg ¹ ¹ Tel Aviv University
10:35 – 10:40	The evil of banality: When choosing between the mundane feels like choosing between the worst Amitai Shenhav ¹ , Carolyn Dean Wolf ¹ , Uma Karmarkar ² ¹ Brown University, ² Harvard Business School, Harvard Center for Brain Sciences
10:40 – 10:45	Dopaminergic modulation of the functional connectome and its effects on facial attractiveness judgment Gabriele Bellucci ¹ , Caroline Burrasch ¹ , Sabrina Strang ¹ , Thomas Münte ¹ , Soyoung Park ¹ ¹ University of Lübeck

DETAILED PROGRAM

10:45 – 10:50

Emotional cues alter value-based decision-making and information maintenance in borderline personality disorder: evidence from computational modeling and neuroimaging

Michael Hallquist¹, Alexandre Dombrovski²

¹Penn State University, ²University of Pittsburgh

10:50 – 13:15

Trinity Ballroom
and Foyer

Poster Session I

Coffee/Tea and snacks served

Please visit our poster presenters in the Trinity Ballroom and Foyer.

Sponsored by: Wharton Neuroscience



13:15 – 14:15

Salons C & D

Buffet Lunch

The Kavli Foundation Social and Decision Science Workshop



14:15 – 15:45

Grand Ballroom

Neuroeconomics in the field

Johannes Haushofer, Princeton University and Busara Center for Behavioral Economics

While neuroeconomic research in lab settings affords experimental control and facilitates replicability, field settings are attractive to establish external validity and move neuroeconomic research beyond “WEIRD” populations. I will discuss the practicalities of conducting behavioral and pharmacological research in field settings, especially in developing countries.

15:45 – 16:05

Coffee Break

16:05 – 17:35

Grand Ballroom

New Approaches to Studying How Ideas and Behaviors Spread

Emily Falk, University of Pennsylvania

In this talk, I will provide an overview of work linking neural responses in small groups of people to individual behavior change and the spread of ideas outside of the lab, as well as population level behaviors that go beyond the individuals whose brains are scanned. I will also describe recent research linking brain activity to behavior outside of the lab that incorporates social network measurements and suggest new questions at the intersection of brains and social networks.

14:15 – 15:45

Trinity I & II

Reproducibility in neuroimaging: Challenges and solutions

Russell Poldrack, *Stanford University*

It has become widely appreciated that common scientific practices can lead to inflated rates of false results, and many features of neuroimaging suggest that it may be particularly liable to these problems. My talk will discuss a number of the potential threats to reproducibility in neuroimaging research, including small sample sizes, analytic flexibility, and multiple comparisons. I will also discuss the particular challenges raised by increasingly powerful analysis methods such as machine learning techniques. For each of these challenges I will propose solutions that together have the potential to improve the reproducibility of neuroimaging results.

15:45 – 16:05

Coffee Break

16:05 – 17:35

Trinity I & II

Reproducible, generalizable brain models of affective processes

Tor Wager, *University of Colorado at Boulder*

Recent years have seen dramatic advancement in the measurement of biology at a systems level. Researchers routinely obtain thousands or millions of simultaneous measures of dynamic systems. In humans, this includes neuroimaging, which can be used to probe the brain bases of affect and emotion in increasingly sophisticated ways. Neuroimaging can provide measures of activity in 300,000 brain locations and 60 billion functional associations every second. However, the complexity of these measures presents new challenges in maintaining scientific transparency and reproducibility. In this talk, I describe several new models of the brain bases of affective processes, including models that predict the intensity of negative affect, autonomic responses, prosocial emotions, and pain. These models reduce complex neuroimaging data to measures that can be readily replicated and generalized across laboratories. They can be tested prospectively on new participants, providing unbiased estimates of effect size that are often dramatically larger than single regions from standard brain maps. By asking which stimuli and psychological states these measures respond to across studies, we can induce the nature of their associated psychological constructs, providing a foundation for understanding how affect and emotion are generated in the brain.

17:35 – 19:00

Foyer

Networking Cocktail Reception

Join us in the Foyer for appetizers, drinks and networking opportunities.

Sponsored by University of Zurich



**University of
Zurich** UZH

DETAILED PROGRAM

Saturday, October 7, 2017

08:45 – 10:20	SESSION II Learning <i>Chair: Bernd Weber University of Bonn</i>
08:45 – 09:05	<i>Social information impairs reward learning in depressive patients</i> Lou Safra ¹ , Coralia Chevallier ² , Sarah-Jayne Blakemore ³ , Stefano Palminteri² ¹ INSERM, École Normale Supérieure, ² INSERM, Ecole Normale Supérieure, ³ ICN, University College London
09:10 – 09:30	<i>Neural and behavioral signatures of metacontrol in reinforcement learning</i> Wouter Kool¹ , Samuel Gershman ¹ , Fiery Cushman ¹ ¹ Harvard University
09:35 – 09:55	<i>Beliefs about bad people are volatile</i> Jenifer Siegel¹ , Christoph Mathys ² , Robb Rutledge ² , Molly Crockett ¹ ¹ University of Oxford, ² University College London
10:00 – 10:20	<i>Information Prediction Errors in the Human Brain are Valence Dependent and underlie Selective Information Search</i> Caroline Charpentier¹ , Ethan Bromberg-Martin ² , Tali Sharot ³ ¹ California Institute of Technology, ² Columbia University, ³ University College London
10:25 – 10:50	Poster Spotlights II <i>Chair: Molly Crockett Yale University</i>
10:25 – 10:30	<i>Cooperative decision making in the prisoner's dilemma game across the lifespan</i> Maliheh Taheri¹ , Ulrik Beierholm ² , Pia Rotshtein ¹ ¹ University of Birmingham, ² Durham University
10:30 – 10:35	<i>The Habitization of Self-Control</i> Gökhan Aydogan¹ , Jesse St. Amand ¹ , Ian Ballard ² , Samuel McClure ¹ ¹ Arizona State University, ² Stanford University
10:35 – 10:40	<i>Adapting choice behavior and neural value coding in monkey orbitofrontal cortex</i> Jan Zimmermann¹ , Paul Glimcher ¹ , Kenway Louie ¹ ¹ New York University
10:40 – 10:45	<i>How the sequence of interaction affects strategic choices and value encoding</i> Ming-Hung Weng¹ , Jen-Tang Cheng ¹ ¹ National Cheng Kung University
10:45 – 10:50	<i>How bottom-up visual salience guides strategic choice in matching and hide-seeker games</i> Xiaomin Li¹ , Ralph Adolphs ¹ , Colin Camerer ¹ ¹ Caltech

10:50 – 13:15
Trinity Ballroom
and Foyer

Poster Session II

Coffee/Tea and snacks served
Please visit the poster presenters in the
Trinity Ballroom and Foyer.
Sponsored by: Freie Universität Berlin



13:15 – 14:15
Salons C & D

Buffet Lunch

Sponsored by Centre for Economics and Neuroscience



14:15 – 15:25

SESSION III

Strategic Choice

Chair: Ian Krajbich The Ohio State University

14:15 - 14:35

Neural computations of strategic decision-making in the volunteer's dilemma

Seongmin Park¹, Jean-Claude Dreher²

¹University of California, Davis, ²CNRS

14:40 - 15:00

Studying the neural trade-off between human social cooperation and competition through the time dilemma

M. Andrea Pisauro¹, Elsa Fouragnan², Marios Philiastides¹

¹University of Glasgow, ²University of Oxford

15:05 - 15:25

Inferring Individual Goals Using Inverse Reinforcement Learning

Kelsey McDonald¹, Shariq Iqbal¹, Scott Huettel¹, John Pearson¹

¹Duke University

The Fred Kavli Plenary Lecture



15:30 – 16:40

Narrative Economics and Neuroeconomics

Robert Shiller, Yale University

The human mind is highly tuned towards narratives or human-interest stories that can justify ongoing actions. The human brain, when confronted with the need to make economic decisions, does not simply maximize a stable utility function as hypothesized by much economic theory. This lecture considers the epidemiology of narratives relevant to economic outcomes, allowing them to “go viral” and spread far, even worldwide, thereby influencing economic outcomes. The 1920-21 Depression, the Great Depression starting in 1929, the so called “Great Recessions” of 1973-75, 1980-82, and 2007-9, the secular stagnation-inequality scare after 2008, and President Donald Trump’s economic revolution, are considered in view of the popular narratives of their respective times. These examples are seen as revealing the importance of the linkage of human brains and now computers through narratives associated with popular models of the economy, and offering new research opportunities for both economics and neuroscience.

DETAILED PROGRAM

18:00 – 20:00

**The One Eighty
Restaurant**

55 Bloor Street West

All Attendee Dinner

A short 20-minute walk from the hotel, join us on the 51st Floor of the Manulife Centre to take in the spectacular sights of the city! An evening of food stations and passed hors d'oeuvres, along with good music and great views, will complete a busy second day of the meeting.

Sponsored by: *New York University Institute for the Interdisciplinary Study of Decision Making (NYU ISDM)*



Sunday, October 8, 2017

08:30 – 08:45

Announcements

Brian Knutson *President*

Join us for the Early Career Award presentations, the Society Board Election Results and other Society information.

08:45 – 10:20

SESSION IV

Social Preferences and Influences

Chair: Joe Kable *University of Pennsylvania*

08:45 – 09:05

Accounting for Taste: A Multi-Attribute Neurocomputational Model Explains Divergent Choices for Self and Others

John Clithero¹, Alison Harris², Cendri Hutcherson³

¹Pomona College, ²Claremont McKenna College, ³University of Toronto

09:10 – 09:30

Gratitude and Pride: Neural correlates of reward attribution to others and oneself

Ke Ding¹, Dian Anggraini², Klaus Wunderlich¹

¹Ludwig-Maximilians-Universitaet, ²Graduate School of Systemic Neuroscience, LMU

09:35 – 09:55

Spatial gradient in activity within the insula reflects dissociable neural mechanisms underlying context-dependent advantageous and disadvantageous inequity aversion

Xiaoxue Gao¹, Hongbo Yu², Ignacio Saez³, Philip Blue¹, Lusha Zhu¹, Ming Hsu², Xiaolin Zhou¹

¹Peking University, ²University of Oxford, ³University of California

10:00 – 10:20

Fronto-parietal coupling of brain rhythms during third-party punishment

Oksana Zinchenko¹, Dmitriy Altukhov¹, Alexey Ossadtchi¹, Anna Shestakova¹, Vasily Klucharev¹

¹National Research University Higher School of Economics

10:25 – 10:50	Poster Spotlights III <i>Chair: Paul Phillips The University of Washington</i>
10:25 – 10:30	How brain rhythms code for variables of decision making: EEG motor beta oscillations reflect reward and risk level associated with an action Xingjie Chen ¹ , Meaghan McCarthy ¹ , Youngbin Kwak ¹ ¹ UMass Amherst
10:30 – 10:35	Risk Attitude as a Perceptual Bias Mel Khaw ¹ , Ziang Li ¹ , Michael Woodford ¹ ¹ Columbia University
10:35 – 10:40	Reconsidering the description-experience gap: Overweighting of rare events in experienced-based decision under risk Shu-Ching Lee ¹ , Shih-Wei Wu ² ¹ National Yang-Ming University, Taiwan, ² National Yang-Ming University
10:40 – 10:45	Memory beliefs explain why decisions are biased by memory Sebastian Gluth ¹ , Tehilla Mechera-Ostrovsky ¹ ¹ Department of Psychology, University of Basel
10:45 – 10:50	Short-term plastic changes in the primary sensory cortex elicited by monetary outcomes Aleksei Gorin ¹ , Elena Krugliakova ² , Aleksandra Kuznetsova ¹ , Vasily Klucharev ¹ , Anna Shestakova ¹ ¹ National Research University Higher School of Economics, ² University Hospital Zurich
10:50 – 13:15 Trinity Ballroom and Foyer	Poster Session III Coffee/Tea and snacks served Please visit our poster presenters in the Trinity Ballroom and Foyer.
13:15 – 14:15 Salons C & D	Buffet Lunch
14:15 – 15:25	SESSION V Risk & Finance <i>Chair: Valerie Reyna Cornell University</i>
14:15 – 14:35	Can brain activity forecast stock prices? Mirre Stallen ¹ , Nicholas Borg ² , Brian Knutson ² ¹ Leiden University, ² Stanford University
14:40 – 15:00	Risk-seeking and loss-seeking in non-human primates is due to convex utility functions and not probability distortion Shiva Farashahi ¹ , Habiba Azab ² , Benjamin Hayden ² , Alireza Soltani ¹ ¹ Dartmouth College, ² University of Rochester

DETAILED PROGRAM

15:05 - 15:25	<p><i>Eyes on the prize: risk-promoting sensory reward features result in pupil dynamics consistent with a shift in locus coeruleus-mediated control states</i></p> <p>Mariya Cherkasova¹, Jason Barton¹, Luke Clark¹, A. Jon Stoessl¹, Catharine Winstanley¹ ¹University of British Columbia</p>
15:30 - 17:05	<p>SESSION VI</p> <p>Self-Control and Temporal Discounting</p> <p>Chair: Agnieszka Tymula University of Sydney</p>
15:30 - 15:50	<p><i>White matter predicts mobile phone use and impulsive decision making</i></p> <p>William Hampton¹, Henry Wilmer¹, Ingrid Olson¹, Thomas Olino¹, Jason Chein¹ ¹Temple University</p>
15:55 - 16:15	<p><i>Neuroanatomy in the vmPFC and dlPFC predicts individual differences in self-control ability of dietary decision-making across tasks</i></p> <p>Liane Schmidt¹, Anita Tusche², Nicolas Manoharan¹, Cendri Hutcherson³, Todd Hare⁴, Hilke Plassmann¹ ¹INSEAD, ²Computational and Neural Systems California Institute of Technology, ³University of Toronto, ⁴University of Zurich</p>
16:20 - 16:40	<p><i>A multiplicative increase in subjective valuation underlies both food and drug craving</i></p> <p>Anna Konova¹, Silvia Lopez-Guzman¹, John Messinger¹, Kenway Louie¹, Paul Glimcher¹ ¹New York University</p>
16:45 - 17:05	<p><i>Amount and time exert independent influences on intertemporal choice</i></p> <p>Dianna Amasino¹, Nicolette Sullivan¹, Rachel Kranton¹, Scott Huettel¹ ¹Duke University</p>



Are you attending SfN this year?
If so, join us for free food, a cash bar and more!

Monday November 13, 2017

Washington, DC

Brixton Pub (in the Lodge and Rooftop)

6:30pm – 9:30pm

We look forward to catching up with existing SNE members and meeting new ones at SfN.

POSTER SESSIONS

About the Poster Sessions:

The Society for NeuroEconomics is pleased to present a wide range of current research through the poster sessions. The posters have been divided over three sessions, with each session on display for one day.

Poster Session 1

Friday, October 6, 2017

Session Time: 10:50 – 13:15

Poster Session 2

Saturday, October 7, 2017

Session Time: 10:50 – 13:15

Poster Session 3

Sunday, October 8, 2017

Session Time: 10:50 – 13:15

The poster board numbers work in the following way:

Session – Theme – Board Number (ex. 1-A-1)

Poster Themes

- A** Attention
- B** Choice & Choice Mechanisms
- C** Computational Modeling
- D** Consumer Behavior & Marketing
- E** Emotion & Affect
- F** Finance
- G** Game Theory & Strategic Interactions
- H** Individual & Lifespan Differences
- I** Intertemporal Decision-Making & Self-Control
- J** Learning & Memory
- K** Methods
- L** Risk & Uncertainty
- M** Social Rewards & Social Preferences
- N** Valuation & Value Systems

Poster Session 1

Friday October 6, 2017

A – Attention

1-A-1 *Exploring antecedents of team performance with neurometric and psychometric assessments: The role of engagement and synchronization on team emerging states and outcomes*

Tomas Casas Klett¹, Ruiqing Ni²

¹University of St.Gallen, ²ETH Zurich

1-A-2 *Effects of directed attention on stimulus attribute weighting: An ERP study*

Alison Harris¹, Aleena Young¹

¹Claremont McKenna College

B – Choice & Choice Mechanisms

1-B-3 *Cognitive mechanisms of decision making in Anorexia Nervosa*

Akram Bakkour¹, Karin Foerde², Michael Shadlen¹, B. Timothy Walsh¹, Joanna Steinglass¹, Daphna Shohamy¹

¹Columbia University, ²Columbia University, University of Amsterdam

1-B-4 *Changing preferences: The neural basis of non-reinforced behavioral change*

Rotem Botvinik Nezer¹, Tom Salomon¹, Yaniv Assaf¹, Tom Schonberg¹

¹Tel Aviv University

1-B-5 *Greater sense of psychological ownership enhances endowment effect on risk*

Szu-Yi Chang¹, Chun-I Yeh¹, Shih-Wei Wu²

¹National Taiwan University, ²National Yang-Ming University

1-B-6 *Dopamine-dependent beta-band value computations during sequential decision making*

Theo Gruendler¹, Adrian Fischer¹, Laurence Hunt², Gareth Barnes², Hermann Hinrichs¹, Gerhard Jocham¹

¹Otto-von-Guericke-Universität Magdeburg, ²University College London

1-B-8 *Pattern of response time reveals the construction of reward value during adaptive learning and choice*

Shiva Farashahi¹, Katherine Rowe¹, Zohra Aslami¹, M Ida Gobbini¹, Alireza Soltani¹

¹Dartmouth College

POSTER SESSIONS

C – Computational Modeling

1-C-9 *Entropy of Value Representation, Information Maintenance, and the Exploration-Exploitation Tradeoff*

Alexandre Dombrovski¹, Michael Hallquist²

¹University of Pittsburgh, ²Penn State University

1-C-10 *A forward likelihood approach for improving the estimation of free parameters in the Drift-Diffusion Model*

Gabriela Tavares¹, Pietro Perona², Antonio Rangel²

¹Caltech, ²California Institute of Technology

E – Emotion & Affect

1-E-11 *Emotional cues alter value-based decision-making and information maintenance in borderline personality disorder: evidence from computational modeling and neuroimaging*

Michael Hallquist¹, Alexandre Dombrovski²

¹Penn State University, ²University of Pittsburgh

1-E-12 *Effects of loss aversion on neural processing of decision outcomes: an event-related potential study.*

Katerina Kokmotou¹, John Tyson-Carr¹, Vicente Soto¹, Yuxin Xie², Timo Giesbrecht³, Athanasios Pantelous¹, Andrej Stancak¹

¹University of Liverpool, ²Southwestern University of Finance and Economics, ³Unilever

1-E-13 *Neural circuits supporting incentivized inhibition*

Josiah Leong¹, Kelly MacNiven¹, Gregory Samanez-Larkin², Brian Knutson¹

¹Stanford University, ²Duke University

1-E-14 *The Interplay between Prediction Errors, Twitter Mood, and Real-World Gambling*

Ross Otto¹, Johannes Eichstaedt²

¹McGill University, ²University of Pennsylvania

G – Game Theory & Strategic Interactions

1-G-15 *Adjustment dynamics during a strategic estimation task*

Mel Win Khaw¹, Luminata Stevens², Michael Woodford¹

¹Columbia University, ²University of Maryland

1-G-16 *Examining genetic polymorphisms, and the effect of dopaminergic treatment, in Parkinson's patients during an oculomotor mixed-strategy decision-making task*

Ashley Parr¹, Heidi Riek¹, Brian Coe¹, Douglas Munoz¹

¹Queen's University

1-G-17 *Neural Correlates of Strategic Interactions: a Single Brain Network Implements the Updating of Both Game and Player Information.*

Doris Pischedda¹, Johanna Strump², Aldo Rustichini³, Marco Mantovani⁴, John-Dylan Haynes², Carlo Reverberi⁴

¹University of Trento, ²Charité - Universitätsmedizin Berlin,

³University of Minnesota, ⁴University of Milano-Bicocca

1-G-18 *A Neuroeconomics Approach to Addressing Common-Pool Resource Problems*

Ashutosh Sarker¹, Wai-Ching Poon¹, Shamsul Haque¹, Gamini Herath¹

¹Monash University Malaysia

H – Individual & Lifespan Differences

1-H-19 *Episodic memory ability predicts temporal discounting in older adults*

Karolina Lempert¹, David Wolk¹, Joseph Kable¹

¹University of Pennsylvania

1-H-20 *Individual Differences in Loss Aversion and Preferences for Skewed Risks Across Adulthood*

Mikella Green¹, Kendra Seaman¹, Gregory Samanez-Larkin¹

¹Duke University

I – Intertemporal Decision-Making & Self-Control

1-I-21 *Time preferences are reliable across time-horizons and verbal vs. experiential tasks*

Evgeniya Lukinova¹, Yuyue Wang¹, Steven Lehrer², Jeffrey Erlich¹

¹NYU Shanghai, ²Queen's University and NYU-Shanghai

1-I-22 *Heuristic models outperform traditional utility discounting models across multiple discounting and reward domains.*

Catherine Holland¹, Mark Hamilton², Gregory Samanez-Larkin³

¹Harvard University, ²Microsoft, ³Duke University

1-I-23 *Randomness and sensitivity in intertemporal choice*

Mel Win Khaw¹, Ziang Li¹, Michael Woodford¹

¹Columbia University

1-I-24 *Self-control in decision making involves prefrontal theta band oscillatory dynamics*

Hause Lin¹, Blair Saunders¹, Cendri Hutcherson¹, Michael Inzlicht¹

¹University of Toronto

1-I-25 *Is it time? Examining the effects of episodic imagining on reward discounting*

Jenkin Ngo Yin Mok¹, Julia Khalilova¹, R. Shayna Rosenbaum¹

¹York University

1-I-26 *Constructed intertemporal preferences are greater than their revealed counterparts*

Khoi Vo¹, Scott Huettel¹

¹Duke University

1-J-27 *Choice reactivation is a mechanism for contingent learning*

Erie Boorman¹, Zeb Kurth-Nelson², Lindsay Rondot³, Mona Garvert⁴, Ray Dolan³, Tim Behrens⁵

¹University of California, Davis, ²Google Deep Mind; University College London, ³University College London, ⁴University of Oxford, ⁵University of Oxford; University College London

J – Learning & Memory

1-J-28 *Memory beliefs explain why decisions are biased by memory*

Sebastian Gluth¹, Tehilla Mechera-Ostrovsky¹
¹Department of Psychology, University of Basel

1-J-29 *Overlapping error signals for value- and identity-based state transitions in the human midbrain*

Thorsten Kahnt¹, James Howard¹
¹Northwestern University

1-J-30 *Trust (not) your heart: the effect of affective and cognitive trust, and heart rate variability, on individual performance and learning in video games.*

Rossana Castaldo¹, Tim Wan², Leandro Pecchia², Sebastiano Massaro²
¹Biomedical Engineering, ²Warwick University

K – Methods

1-K-31 *A large-scale analysis of test-retest reliabilities of self-regulation measures*

Ayşe Enkavi¹, Ian Eisenberg¹, Patrick Bissett¹, Gina Mazza², David Mackinnon², Lisa Marsch³, Russell Poldrack¹
¹Stanford University, ²Arizona State University, ³Dartmouth University

1-K-32 *Toward a proof of concept for neuroimaging-based financial-system regulation: Near-infrared spectroscopy (NIRS)-recorded lateral neocortical activity in lab markets with monotonically decreasing or peaked fundamental values*

John Haracz¹
¹Indiana University

L – Risk & Uncertainty

1-L-33 *Eye movements as a readout of implicit spatial prediction*

Leah Bakst¹, Joseph McGuire¹
¹Boston University

1-L-34 *Variance Aversion in Decisions Under Uncertainty*

Miguel Antonio Garcia¹, Sebastian Weissengruber¹, Christian Ruff¹
¹University of Zurich

1-L-35 *Do you trade stocks? Understanding the drivers of real-life financial risk taking*

Alexander Häusler¹, Camelia Kuhnen², Sarah Rudolf³, Bernd Weber¹
¹University of Bonn, ²University of North Carolina, ³University of Bern

1-L-36 *Ambiguity aversion, but not risk aversion, is associated with cumulative lifetime stress exposure*

Benjamin Lu¹, Candace Raio¹, Michael Grubb², Grant Shields³, George Slavich⁴, Paul Glimcher¹
¹New York University, ²Trinity College, ³University of California-Davis, ⁴University of California-Los Angeles

1-L-37 *Information Sampling in Trust Decisions*

Ili Ma¹, Alan Sanfey¹, Wei Ji Ma²
¹Donders Institute, ²New York University

1-L-38 *Transcranial magnetic stimulation of the right DLPFC modulates both risk aversion and probability weighting*

Ksenia Panidi¹, Matteo Feurra¹, Vasily Klucharev¹
¹Higher School of Economics

1-L-39 *Integrating Decision Theory with Neuroscience to Predict Risk Taking: Neural Correlates of Self-Reported Criminal Behavior*

Valerie Reyna¹, Rebecca Helm¹, Rebecca Weldon², Pooja Shah¹, Alexa Turpin¹, Shravya Govindgari¹
¹Cornell University, ²Juniata College

M – Social Rewards & Social Preferences

1-M-40 *Stimulating the right posterior superior temporal sulcus modulates the formation of negative ties during economic exchanges*

Nadège Bault¹, Giorgio Coricelli¹, Martina Puppi¹, Frans van Winden²
¹University of Trento, ²University of Amsterdam

1-M-41 *Dopaminergic modulation of the functional connectome and its effects on facial attractiveness judgment*

Gabriele Bellucci¹, Caroline Burrasch¹, Sabrina Strang¹, Thomas Münte¹, Soyoung Park¹
¹University of Lübeck

1-M-42 *Habit-like and goal-directed choices reveal different social preferences*

Anna Deréký¹, Daniella Martinez², Stefano Brusoni², Todd Hare¹
¹University of Zurich, ²ETH Zurich

1-M-43 *Discovering Social Groups via Latent Structure Learning*

Tatiana Lau¹, H. Thomas Pouncy¹, Samuel Gershman¹, Mina Cikara¹
¹Harvard University

1-M-44 *The influence of gaze direction on willingness to pay: Eye can tell you what to buy*

Apoorva Rajiv Madipakkam¹, Gabriele Bellucci¹, Marcus Rothkirch², Soyoung Park¹
¹University of Lübeck, ²Charité-University Medicine

1-M-45 *A behavioral and neural study of motivations for deception*

Anastasia Shuster¹, Dino Levy¹
¹Tel Aviv University

1-M-46 *Effects of stress on neural patterns underlying reward anticipation for self and others*

Livia Tomova¹, Rebecca Saxe¹, Claus Lamm²
¹Massachusetts Institute of Technology, ²University of Vienna

POSTER SESSIONS

N – Valuation & Value Systems

1-N-47 *Value updating and encoding in distinct subregions of dACC during effort-based decision-making*

Amanda Arulpragasam¹, Jessica Cooper¹, Michael Treadway¹
¹Emory University

1-N-48 *Neural Currency: Domain General Neural Map of Value Predicts Choices Across Subjects and Across Tasks*

Sangil Lee¹, Joseph Kable¹
¹University of Pennsylvania

1-N-49 *Improving Preference Modeling for Multi-Criteria Decision-Making with Cognitive Mechanisms Analysis*

Lucia Reis Roselli¹, Adiel de Almeida¹
¹Federal University of Pernambuco (UFPE)

1-N-50 *The neural correlates of appraisal versus choice*

Amitai Shenhav¹, Uma Karmarkar²
¹Brown University, ²Harvard Business School, Harvard Center for Brain Sciences

1-N-51 *Electrocortical correlates of willingness-to-pay: an event-related potential study.*

John Tyson-Carr¹, Katerina Kokmotou¹, Vicente Soto¹, Stephanie Cook¹, Timo Giesbrecht², Andrej Stancak¹
¹University of Liverpool, ²Unilever

1-N-52 *Shifting Preferences by Verbal Cueing during Sleep*

Sizhi Ai¹, Yunlu Yin², Yu Chen², Jie chen², Yan Chen², Lin Lu², Lusha Zhu², Jie Shi²
¹National Institute on Drug Dependence, ²Peking University

Poster Session 2

Saturday, October 7, 2017

B – Choice & Choice Mechanisms

2-B-1 *Framing effect of the value representation of bundles of goods*

Hui-Kuan Chung¹, Agnieszka Tymula², Paul Glimcher¹
¹New York University, ²University of Sydney

2-B-2 *Cognitive Analysis for Improving Preference Elicitation Confidence of Scale Constants in Multi-Attribute Value Theory*

Adiel de Almeida¹, Lucia Reis Roselli¹
¹Universidade Federal de Pernambuco

2-B-3 *Combining computational modeling and EEG to understand how reinforcement learning influences the decision process*

Laura Fontanesi¹, Sebastian Gluth¹, Jörg Rieskamp¹
¹University of Basel

2-B-4 *The domain-specific causal role of the left dLPFC in evidence accumulation in perceptual decisions*

Miguel Antonio Garcia¹, Marcus Grueschow¹, Rafael Polania¹, Marius Moisa¹, Christian Ruff¹
¹University of Zurich

2-B-5 *Increased baseline arousal both precedes and mediates exploratory behavior*

Anjali Raja Beharelle¹, Marcus Grueschow¹, Rafael Polania¹, Marius Moisa¹, Todd Hare¹, Christian Ruff¹
¹University of Zurich

2-B-6 *Attention and value integration in multi-attribute choice*

Daniel Wilson¹, Cendri Hutcherson¹
¹University of Toronto

C – Computational Modeling

2-C-7 *Computational Modeling of the Effort Expenditure for Rewards Task*

Jessica Cooper¹, David Zald², Michael Treadway¹
¹Emory University, ²Vanderbilt University

2-C-8 *Estimating the costs of cognitive control: theoretical validation and potential pitfalls*

Sebastian Musslick¹, Jonathan Cohen¹, Amitai Shenhav²
¹Princeton University, ²Brown University

D – Consumer Behavior & Marketing

2-D-9 *Different EEG metrics and Machine Learning Techniques have varying levels of predictive accuracy of subject's future preferences and population commercial success*

Adam Hakim¹, Shira Klorfeld¹, Tal Sela¹, Doron Friedman², Dino Levy¹
¹Tel Aviv University, ²Interdisciplinary Center Herzelia

2-D-10 *Sharing More than We Mean to Bare: Neural Mechanisms Underlying the Privacy Paradox*

Crystal Reeck¹, Angelika Dimoka¹, Paul Pavlou¹, Anthony Resnick¹, Xue Guo¹

¹Temple University

E – Emotion & Affect

2-E-12 *An integrated approach toward the understanding of affective influences on reward-based decision making in patients with schizophrenia*

Hong-Hsiang Liu¹, Ming-Hsien Hsieh², Yung-Fong Hsu¹, Wen-Sung Lai¹

¹National Taiwan University, ²National Taiwan University Hospital

2-E-13 *Neural basis of perceived unfairness in Bipolar Disorder: an fMRI study using the Ultimatum Game*

Giannis Lois¹, Eva Schneider¹, Aleksandra Kaurin¹, Michèle Wessa¹

¹University of Mainz

F – Finance

2-F-14 *The Effects of Psychological Distance and Incidental Affect on Economic Risk Taking and Temporal Discounting Behaviors*

Maria Clarissa Del Moral¹

¹St. Luke's Medical Center

G – Game Theory & Strategic Interactions

2-G-15 *How bottom-up visual salience guides strategic choice in matching and hide-seeker games*

Xiaomin Li¹, Ralph Adolphs¹, Colin Camerer¹

¹Caltech

2-G-16 *A Mechanism for Eliciting Value Measurements Without Behaviour*

Vivek Nandur¹, Ryan Webb¹

¹University of Toronto

2-G-17 *Cooperative decision making in the prisoner's dilemma game across the lifespan*

Maliheh Taheri¹, Ulrik Beierholm², Pia Rotshtein¹

¹University of Birmingham, ²Durham University

2-G-18 *How the sequence of interaction affects strategic choices and value encoding*

Ming-Hung Weng¹, Jen-Tang Cheng¹

¹National Cheng Kung University

H – Individual & Lifespan Differences

2-H-19 *Dopamine and differential susceptibility of cue-induced choice to environment: Evidence from psychological and genetic markers on children food behavior.*

Laurette Dube¹, Andre Portella¹, Catherine Paquet², Spencer Moore³, Alain Dagher¹, Robert Levitan⁴, Michael Meaney¹, Patricia Silveira¹

¹McGill University, ²Centre for Population Health Research University of South Australia, ³University of South Carolina, ⁴University of Toronto

2-H-20 *Developmental changes in the influence of emotional interference on perceptual decision-making in borderline personality*

Alison Schreiber¹, Nathan Hall¹, Michael Hallquist¹

¹Pennsylvania State University

I – Intertemporal Decision-Making & Self-Control

2-I-21 *Search strategy and delay discounting: evidence for flexibility*

Mel Win Khaw¹, Ziang Li¹, Michael Woodford¹

¹Columbia University

2-I-22 *The Habitization of Self-Control*

Gökhan Aydogan¹, Jesse St. Amand¹, Ian Ballard², Samuel McClure¹

¹Arizona State University, ²Stanford University

2-I-23 *Time-driven reassessment of anticipated reward magnitude*

James Lynch¹, Joseph McGuire¹

¹Boston University

2-I-24 *Greater activity in vIPFC during positive emotion regulation is associated with better dietary self-control*

Silvia Maier¹, Todd Hare¹

¹University of Zurich

2-I-25 *Homeostatic State and Intertemporal Choice: Choice, RT and Diffusion Model Differences due to Experimental Hunger Manipulation*

James Melrose¹, John Monterosso¹

¹University of Southern California

2-I-26 *Sunk cost effects appear similar in parallel neuroeconomic foraging tasks in mice, rats, and humans*

Brian Sweis¹, Samantha Abram¹, Brandy Schmidt¹, Yannick-Andre Breton¹, Angus MacDonald¹, Mark Thomas¹, A. David Redish¹

¹University of Minnesota

2-I-27 *Economic analysis of adolescents' and young adults' decision-making in private versus when observed*

Agnieszka Tymula¹

¹University of Sydney

2-I-28 *The Effects of Bariatric Surgery on Delay Discounting Modeling in Obesity*

Ratnakleha Viswanadham¹, Yann Cornil², Liane Schmidt³, Christine Poitou⁴, Pierre Chandon¹, Michele Chabert⁴, Judith Aron-Wisniewsky⁴, Karine Clement⁴, Hilke Plassmann⁵

¹INSEAD, ²Sauder School of Business, University of British Columbia, ³Sorbonne-Université INSEAD Behavioral Lab; INSERM Unit 960, École Normale Supérieure, ⁴Université Pierre et Marie Curie Paris VI, ⁵INSEAD; INSERM Unit 960, École Normale Supérieure

POSTER SESSIONS

J – Learning & Memory

2-J-29 *Noise or Signal? Context-sensitive neural signals that discriminate the source of errors during adaptive learning*

Chang-Hao Kao¹, Joseph Kable¹

¹University of Pennsylvania

2-J-30 *Neurocomputational Dynamics of Sequence Learning*

Arkady Konovalov¹, Ian Krajbich¹

¹The Ohio State University

2-J-31 *The role of central arousal systems in tuning learning rates to the statistics of compound rewards and punishments*

Erdem Pulcu¹, James Gunnell¹, Michael Tai¹, Michael Browning¹

¹University of Oxford

K – Methods

2-K-32 *Bayesian Optimal Sequential Inference for Experiments*

Remi Daviet¹

¹University of Toronto

2-K-33 *The Use of Single Nucleotide Polymorphs of Neurotransmitter Transporter Genes to Address the Problems of Internal Validity and Identification in Regression Discontinuity Design Modeling*

George Langelett¹

¹South Dakota State University

L – Risk & Uncertainty

2-L-34 *Confidence in Risky Value-based Choice*

Kevin da Silva Castanheira¹, Stephen Fleming², Ross Otto¹

¹McGill University, ²University College London

2-L-35 *Noradrenaline modulates decision urgency during sequential information gathering*

Tobias Hauser¹, Michael Moutoussis¹, Nina Purg¹, Peter Dayan¹, Ray Dolan¹

¹University College London

2-L-36 *Medical Decision Making under Uncertainty: Behavior and Neural Correlates*

Ruonan Jia¹, Lital Ruderman¹, Terri Fried¹, Ifat Levy¹

¹Yale University

2-L-37 *Transfer of confidence in a novel observational learning task*

Tobias Larsen¹, Giorgio Coricelli¹

¹University of Trento

2-L-38 *Risk for self versus risk for others: social proximity shapes the degree of loss aversion*

Qiang Shen¹

¹Zhejiang University of Technology

2-L-39 *Token asset effect on monkey's decision making involving risky gains and losses*

You-Ping Yang¹, XinJian Li¹, Veit Stuphorn¹

¹Johns Hopkins University

M – Social Rewards & Social Preferences

2-M-40 *Power Reduces Sensitivity To Immediate Reward And Enhances Learning During Social Exchange*

Soojung Na Na¹, Jennifer Jung¹, Andreas Hula², Vincenzo Fiore¹, Xiaosi Gu¹

¹University of Texas at Dallas, ²University College London

2-M-41 *Social Distress Response in the Context of Empathy in Rats*

Julen Hernandez-Lallement¹, Rajeev Rajendran¹, Carrillo

Maria¹, Gazzola Valeria¹, Keysers Christian¹

¹Netherlands Institute for Neuroscience

2-M-42 *Hyper-prosocial responses in subjects four decades after high quality early childhood investment*

Yi Luo¹, Sébastien Héту², Terry Lohrenz¹, Sharon Ramey¹, Jonathan Lisinski¹, Stephen LaConte¹, Tobias Nolte³, Peter Fonagy⁴, P. Read Montague⁵, Craig Ramey¹

¹Virginia Tech Carilion Research Institute, ²Université de Montréal; ³Wellcome Trust Centre for Neuroimaging, ⁴Anna Freud National Centre for Children and Families, ⁵Virginia Tech Carilion Research Institute; Wellcome Trust Centre for Neuroimaging

2-M-43 *The neural mechanisms of money illusion in the gain and the loss domains*

Yi Huang¹, Rongjun Yu¹

¹National University of Singapore

2-M-44 *The computational basis of moral devaluation*

Elisa van der Plas¹, John Clithero², Jenifer Siegel³, Anne-Marie Neise³, Molly Crockett³

¹Donders Centre for Cognitive Neuroimaging, ²Pomona College, ³University of Oxford

2-M-45 *The effect of social status on preference of distribution*

Zih Yun Yan¹, Denise Hsien Wu¹

¹National Central University

N – Valuation & Value Systems

2-N-46 *Opioids as force boosters: evidence from pharmacological challenge in humans*

Nicolas Borderies¹

¹Brain and Spine Institute

2-N-47 *Visual features and value based decisions*

Shiran Oren¹, Tal Sela¹, Dino Levy¹, Tom Schonberg¹

¹Tel Aviv University

2-N-48 Integrating value across features of multi-attribute options does not require intact ventromedial prefrontal cortex

Gabriel Pelletier¹, Lesley Fellows¹

¹Montreal Neurological Institute, McGill University

2-N-49 Understanding the motivational side of placebo effects: Placebos are mediated by neural activity in the brain's valuation and motivation system and enhance wanting

Liane Schmidt¹, Vasilisa Skvortsova², Claus Kullen³, Pierre Chandon¹, Mathias Pessiglione⁴, Bernd Weber³, Hilke Plassmann¹

¹INSEAD, ²INSERM U960, LNC, ENS, DEC, ³University Bonn,

⁴INSERM UMR 1127, MBB team, ICM

2-N-50 The Neural Representation of Money and Prices

Anastasia Shuster¹, Ryan Webb², Dino Levy¹, Paul Glimcher³

¹Tel Aviv University, ²University of Toronto, ³New York University

2-N-51 Salience-driven value construction for choice under risk

Emily Chu¹, Mehran Spitmaan¹, Alireza Soltani¹

¹Dartmouth College

2-N-52 Adapting choice behavior and neural value coding in monkey orbitofrontal cortex

Jan Zimmermann¹, Paul Glimcher¹, Kenway Louie¹

¹New York University

Poster Session 3

Sunday, October 8, 2017

B – Choice & Choice Mechanisms

3-B-1 Investigating the origin and consequences of endogenous default-options in repeated economic choices tasks.

Mael Lebreton¹, Joaquina Couto¹, Leendert van Maanen¹

¹Universiteit van Amsterdam

3-B-2 The dynamics of selective integration in the brain

Fabrice Luyckx¹, Annabelle Blangero¹, Bernhard Spitzer¹, Konstantinos Tsetsos², Christopher Summerfield¹

¹University of Oxford, ²University Medical Center Hamburg-Eppendorf

3-B-3 Causal contribution of the frontal eye fields to perceptual decision formation

Carolina Murd¹, Marius Moisa¹, Rafael Polania¹, Marcus Grueschow¹, Christian Ruff¹

¹University of Zurich

3-B-4 The deficiency of Akt1, a candidate gene for schizophrenia, affects reward prediction error and brain electrophysiological activity during probabilistic decision making in mice

Ju-Chun Pei¹, Ching Chen¹, Wen-Sung Lai¹

¹National Taiwan University

3-B-5 Gaze patterns reflect loss aversion

Arjun Ramakrishnan¹, Feng Sheng¹, Darsol Seok¹, Puti Cen¹, Michael Platt¹

¹University of Pennsylvania

3-B-6 The neuro-computational basis of conflict resolution between model-free and model-based valuation systems

Gabriela Tavares¹, Antonio Rangel¹

¹Caltech

3-B-7 Accounting for individual differences in gaze-weighted evidence accumulation improves prediction of individual consumer choice

Armin Thomas¹, Felix Molter², Ian Krajbich³, Hauke Heekeren⁴, Peter Mohr⁴

¹Technische Universität Berlin, ²WZB Berlin Social Science Center, ³Ohio State University, ⁴Freie Universität Berlin

3-B-8 The influence of visual attention on memory-based decisions

Regina Agnes Weilbacher¹, Jörg Rieskamp¹, Ian Krajbich¹, Sebastian Gluth¹

¹University Basel

C – Computational Modeling

3-C-9 Exploring Context Dependency Using a Dynamical Model

Mohsen Falahi¹, Kerstin Preuschoff¹

¹University of Geneva

POSTER SESSIONS

3-C-10 *The multiplicative role of attention on choice*

Stephanie Smith¹, Ian Krajbich¹

¹The Ohio State University

D – Consumer Behavior & Marketing

3-D-11 *Delineating feeling and thinking during advertisement viewing: Neural reliability in temporal cortex and fusiform gyrus predict population ratings of TV commercials*

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²University Hospital Zurich

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¹University of Lübeck

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¹Yale Graduate School of Arts and Sciences, ²Yale School of Medicine, ³Yale School of Medicine; VA National Center for PTSD

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Postdoctoral Positions in the Neuromanagement Lab at Zhejiang University, China

The Neuromanagement Lab at Zhejiang University is seeking applicants for multiple postdoctoral positions. Candidates will be considered from a range of disciplines, including but not limited to management, economics, psychology, and cognitive neuroscience.

The Neuromanagement Lab The Neuromanagement Lab at Zhejiang University was founded in 2006 as one of the first labs in China specialized in exploring brain activities and mental processes underlying managerial and economic decision making.

The lab is equipped with multiple state-of-the-art and research dedicated facilities for fMRI, brain stimulation, behavioral measurement, EEG, and eye-tracking. The main research areas include decision neuroscience, neuroeconomics, neuromarketing, and neuro-information system.

The lab maintains strong collaboration with other labs in the world. The lab, as well as the School of Management (AACSB, EQUIS & AMBA accredited) more generally, offers a friendly and collaborative environment.

Zhejiang University Located in the historical and picturesque city of Hangzhou, Zhejiang University is one of China's oldest, most selective and most prestigious institutions of higher education. Zhejiang University is a comprehensive research university with distinctive features and a national as well as international impact. According to the latest QS World University Rankings, Zhejiang University ranks 87th in the world.

Applications Interested applicants should send a cover letter, a detailed CV, representative writing samples or publications (max. 3), and two reference letters (sent independently by the referees) to Ms. Baizhi Li: lbz76@zju.edu.cn.

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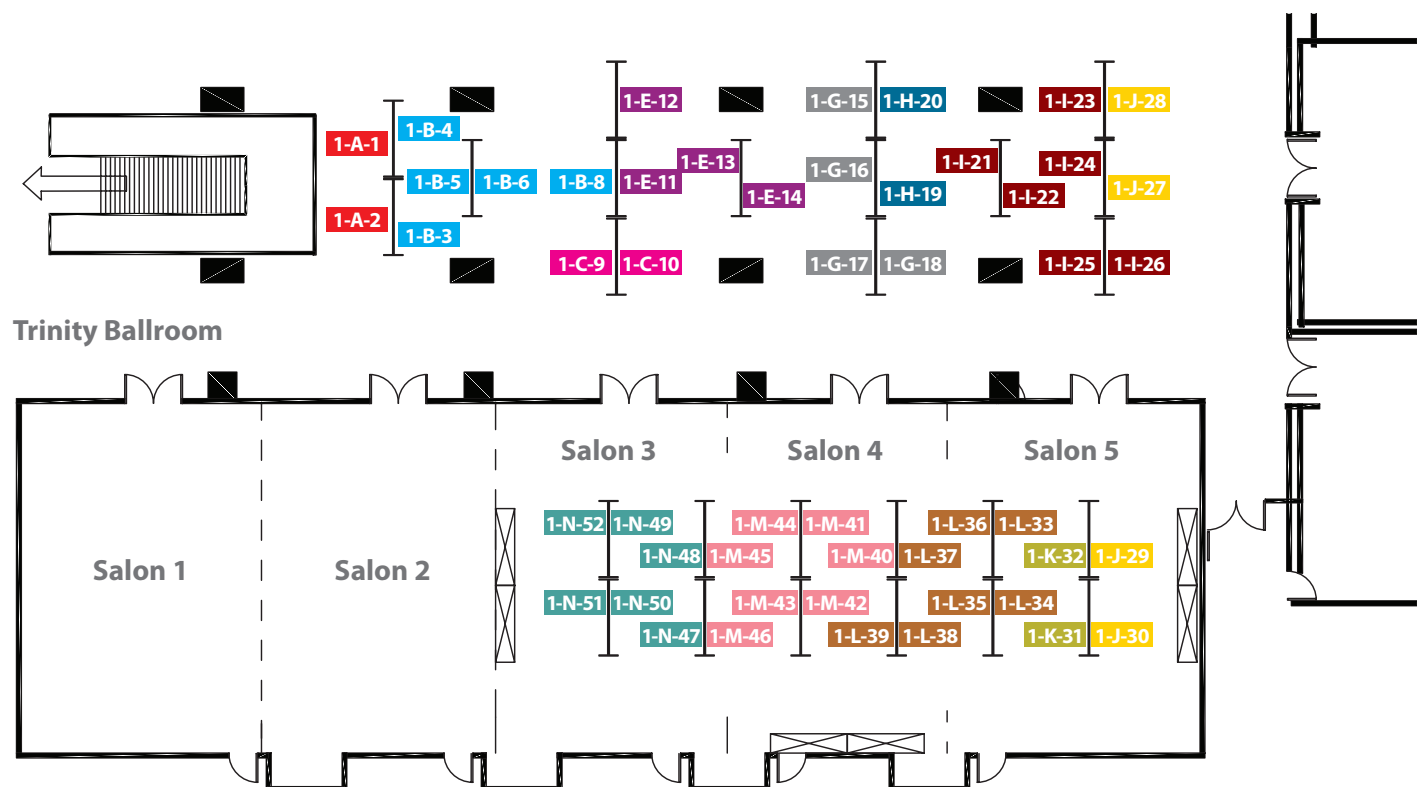
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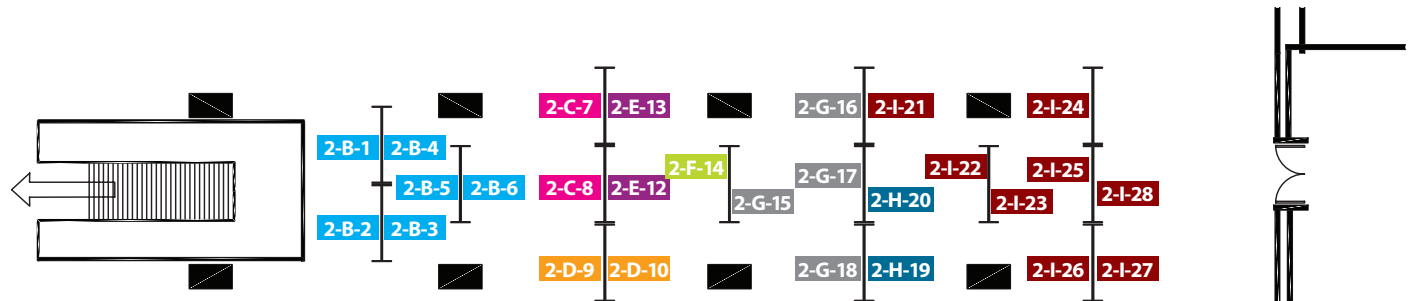
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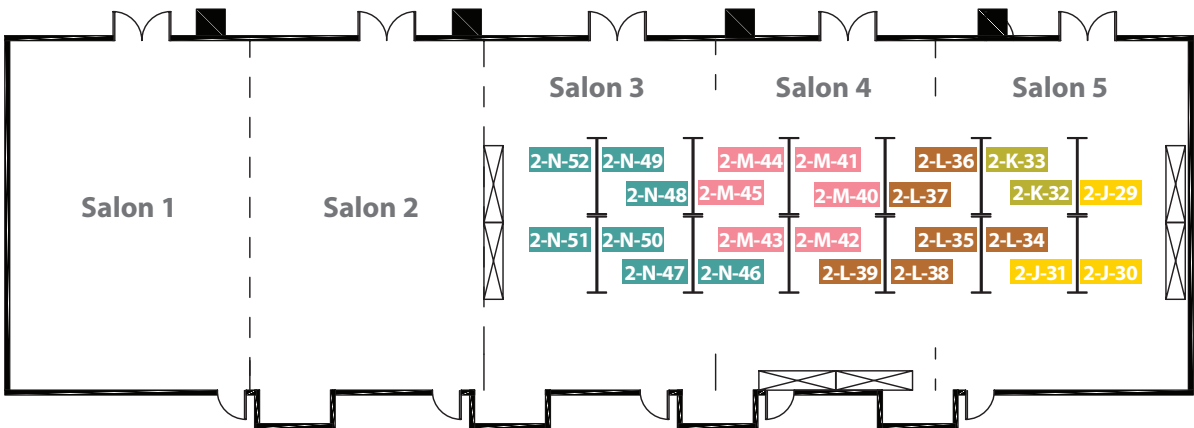


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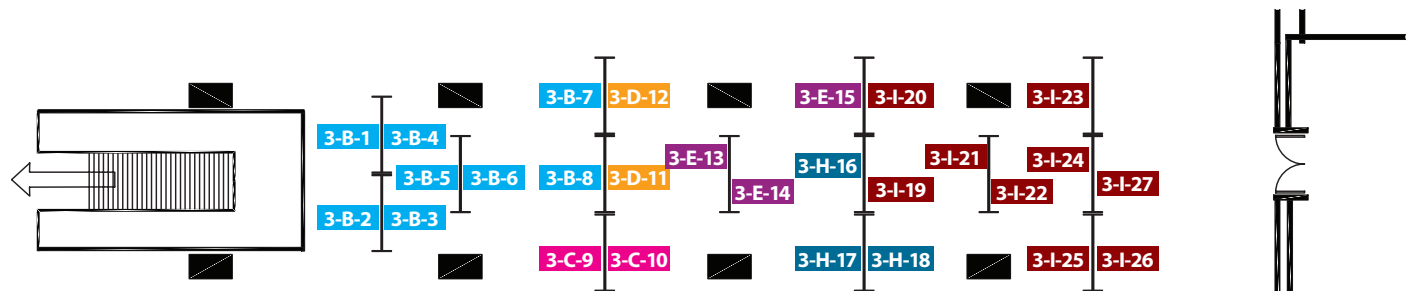
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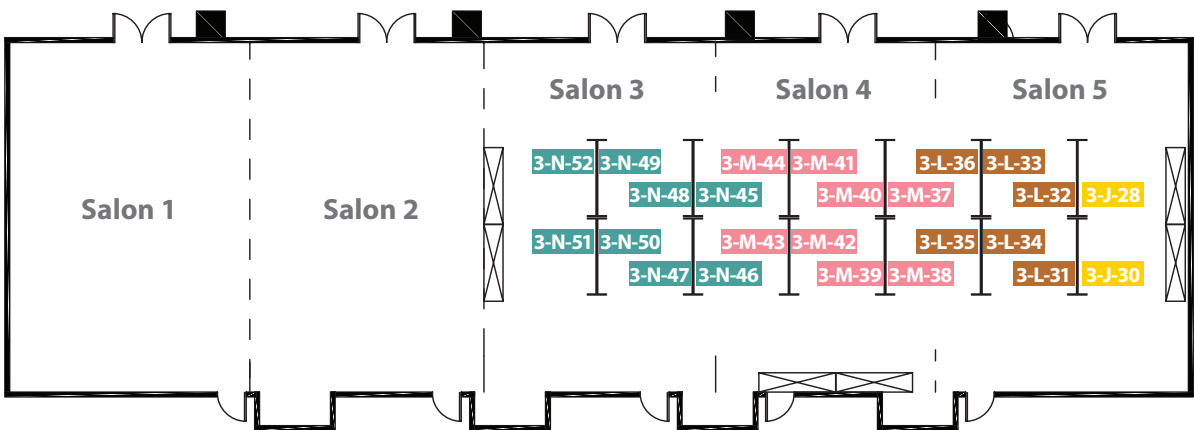
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