



Society for
NeuroEconomics

NEUROSCIENCE • PSYCHOLOGY • ECONOMICS



22nd Annual Meeting

Cascais, Portugal
October 11 – 13, 2024
Hotel Cascais Miragem

neuroeconomics.org |  #SNE2024 | @socforneuroecon

Program at a Glance

Time	Friday	Saturday	Sunday
	Friday, October 11, 2024	Saturday, October 12, 2024	Sunday, October 13, 2024
8:15			
8:30			
8:45	Welcome & Opening Remarks 15 mins (8:45-9:00)		
9:00	NeuroScience Workshop Matthew Rushworth, <i>University of Oxford</i> 60 mins (9:00-10:00)	Session II: Learning preferences 90 mins (9:00-10:30)	Session III: Value representation in the brain 90 mins (9:00-10:30)
9:15			
9:30			
9:45			
10:00	Social and Decision Sciences Workshop Hilke Plassman, <i>INSEAD</i> 60 mins (10:00-11:00)	Coffee Break 15 mins (10:30-10:45)	Coffee Break 15 mins (10:30-10:45)
10:15			
10:30			
10:45	Coffee Break 15 mins (11:00-11:15)	Speed Networking 60 mins (10:45-11:45)	Session IV: Attention and efficiency 90 mins (10:45-12:15)
11:00			
11:15	Session I: Opportunity costs and opportunities lost 90 mins (11:15-12:45)	Lunch (Included) + Lunch Round table Session 60 mins (11:45-12:45)	Lunch (Included) 60 mins (12:15-13:15)
11:30			
11:45			
12:00	Poster Spotlights I 15 mins (12:45-13:00)	Symposium I: Ecological approaches to social learning and decision-making 90 mins (12:45-14:15)	Session V: Decision making in complex & social contexts 90 mins (13:15-14:45)
12:15			
12:30	Lunch (Included) + Panel Session 60 mins (13:00-14:00)	Poster Spotlights II 15 mins (14:15-14:30)	Poster Spotlights III 15 mins (14:45-15:00)
12:45			
13:00		Poster Session I 90 mins (14:00-15:30)	Award Ceremony 30 mins (15:00-15:30)
13:15			
13:30	Off-Site Activity 210 mins (15:30-18:30)	Poster Session II 90 mins (14:30-16:00)	Poster Session III 90 mins (15:30-17:00)
13:45			
14:00		Kavli Plenary Lecture Sendhil Mullainathan, <i>MIT</i> 60 mins (16:00-17:00)	
14:15			
14:30		Transition Time 90 mins (17:00-18:30)	
14:45			
15:00			
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18:00			
18:15			
18:30			
18:45			
19:00	Pub Meet Up (18:30-20:00) Nassaus Cascais	Conference Dinner (18:30-20:00) Lota da Esquina	
19:15			
19:30			
19:45			
20:00			



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About the SNE Society

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.

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Sebastian Gluth, *University Hamburg*

Silvia Lopez Guzman, *Natiersity Institute of Mental Health*

Zhihao Zhang, *University of Virginia*



Welcome from the President

Dear Friends and Colleagues,

Welcome to Cascais, Portugal for the Annual Meeting of the Society for Neuroeconomics!

Our program chairs – **Karolina Lempert** and **Oriel FeldmanHall** – have put together an exciting and thought-provoking program for us to enjoy in the next three days.

Our social chairs – **Nikki Sullivan** and **Anita Tusche** – have ensured that we have plenty of opportunities to interact within the venue (speed networking, round-table lunches), as well as outdoors while exploring Cascais on Friday afternoon (choose between biking, hiking, beach activities and more) and dining at a local restaurant Saturday evening.

As SNE turns 22, we consider what lies ahead for our field of neuroeconomics. When I joined the society in 2008, SNE was of kindergarten age. Decision neuroscience, especially questions relating to value, happiness, bias and choice, was relatively on the fringe. The community was small, but vibrant, exciting, and fun (we are just a bit larger now, but the rest is still true). Since then, members of the society played a role in turning the public's attention to the science of decision making, with significant effects on how organizations run their business (most top companies now have a Chief Behavioural Officer), investors make decisions, how algorithms are developed (decision neuroscience inspired algorithms used by Google DeepMind), and how governments develop policies (the initial White House 'nudge team' included members trained in neuroeconomic labs). Now that SNE is of drinking age, it is time to pause and ask what the future holds. Or more to the point: what *should* the future hold?

This Friday we will have a panel discussion with past and present leaders of the society to mull over these questions. The recent rise of Artificial Intelligence provides one obvious answer. With the introduction of AI into our daily lives, the way in which we make decisions is altering. How we think may even be



changing, and certainly the tools that are available for us as scientists are different than they were just a few years ago.

In line with this theme, I am thrilled to welcome **Professor Sendhil Mullainathan**, from MIT's Departments of Economics and of Electrical Engineering & Computer Science, to SNE to give the Kavli Foundation Plenary Lecture.

Prof. Mullainathan's address will focus on new machine learning tools that can improve how we do behavioral science. Mullainathan research combines economics and behavioral science with Artificial Intelligence tools, lab and field experiments, to study social problems such as discrimination and poverty. He is the co-author of *Scarcity: Why Having Too Little Means so Much*.

While AI is likely to be part of the themes we study in the next few years, and of the new tools we use, my 'gut' tells me other innovative research directions are ahead. What are they? I don't know yet, but they will likely emerge from the unique mix of approaches and expertise SNE brings together: scientists studying the human brain, those studying non-human animals, theoretical and empirical economists, marketing and business professors, and more. As always, our workshops this year will display this interdisciplinarity. We will have the pleasure of hearing from **Prof. Matthew Rushworth** of Oxford University about the neuroscience of how people and monkeys decide what to do, and from **Prof. Hilke Plassmann** from INSEAD, who will talk about how neuroscience can inform behavioral science.

All of this would not be possible without the generous contributions we received from the Kavli foundation, MIT, Yale University, University of Zurich, University of Toronto and a Gold sponsorship from the Institute for the Study of Decision Making at NYU.



It has been an honor to serve as the President of SNE this year and a pleasure working with the excellent members of the board. Special thanks to our outgoing financial officer- **Robb Rutledge** – who did a brilliant job at keeping our finances organized and healthy. I was lucky to be able to rely on two especially wise and thoughtful board members, who formed SNE's executive committee; immediate past President **Agnieszka Tymula** and President elect **Uma Karmarkar**. I leave you in her very capable hands.

I hope the conference is filled with learning, insights, fun and sun. Thank you all for your inspiring work and I look forward to interacting with you in the next few days.

My very best,

Tali Sharot

President of the Society of Neuroeconomics



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General Information

MEETING VENUE

Hotel Cascais Miragem Health & Spa
Av. Marginal 8554, 2754-536 Cascais, Portugal.

REGISTRATION

The annual meeting of the Society for NeuroEconomics registration includes admission to all sessions, coffee breaks, lunches as well as to the 15th Annual Fred Kavli Lecture and a grazing dinner on Saturday evening.

REGISTRATION AND INFORMATION DESK

The registration/information desk is open daily during conference session hours:

Friday, October 11	8:00 – 16:00
Saturday, October 12	8:00 – 17:00
Sunday, October 13	8:00 – 17:00

WIRELESS INTERNET

Complimentary wireless internet is available to the delegates of the Society of NeuroEconomics Annual Meeting. 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.

Network name: Hotel Cascais Miragem
Password: Miragem1

STAFF

SNE staff from Podium Conference Specialists can be identified by bright orange **STAFF** ribbons on their name badges. Feel free to ask anyone of our staff for assistance. For immediate assistance please visit us at the registration desk.

POSTER SESSIONS

Please visit our poster presenters during the three poster sessions. Coffee and tea will be served during the poster sessions and please feel free to enjoy your beverage while reviewing the posters. Information on Poster Authors, Poster Numbers and Poster Titles begins on page 16. For a complete copy of the poster abstracts, please see the downloadable pdf abstract book from the Society for NeuroEconomics website.

Poster Session 1: Friday, October 11, 2024

Set Up: From 08:30
Session Time: 14:00 – 15:30
Tear Down: Please tear down by 16:00

Poster Session 2: Saturday, October 12, 2024

Set Up: From 08:30
Session Time: 14:30 – 16:00
Tear Down: Please tear down by 17:00

Poster Session 3: Sunday, October 13, 2024

Set Up: From 08:30
Session Time: 15:30 – 17:00
Tear Down: Please tear down by 17:30

Information on Poster Authors, Poster Numbers and Poster Titles begins on **page 16**.



Awards

Student Travel Awards

The following are the recipients of the 2024 SNE Student Travel Awards. The award is supported by the Society for NeuroEconomics.

Asaf Madar, *Tel Aviv University*

Hui-Kuan Chung, *University of Zürich*

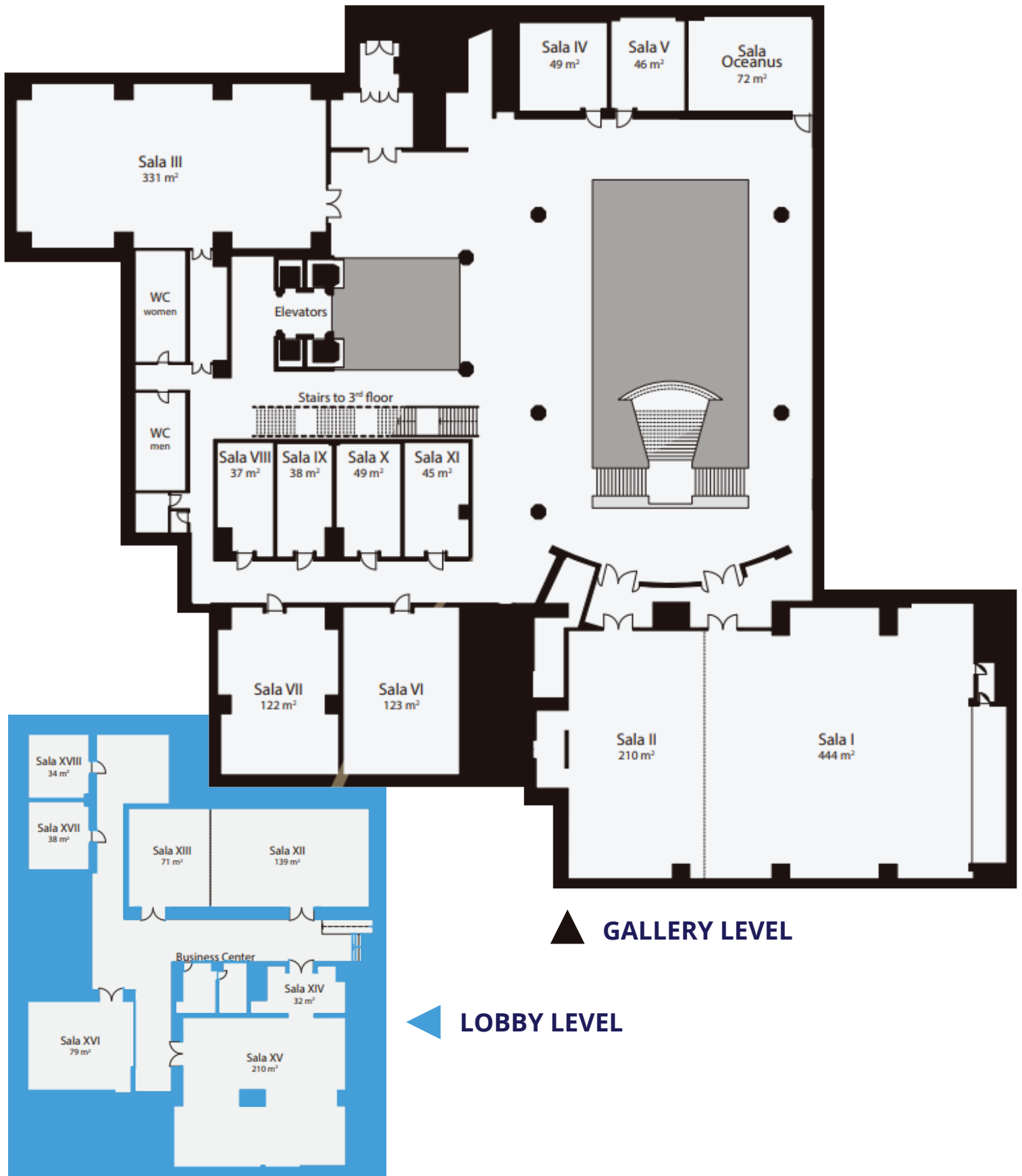
Romain Durand-De Cuttoli, *Icahn School of Medicine*

Hualei Wang, *Institute of Neuroscience, Chinese Academy of Sciences*

Sarah Moreno-Rodriguez, *Paris Brain Institute*



Venue Map



▲ GALLERY LEVEL

◀ LOBBY LEVEL



Speakers

KAVLI LECTURE SPEAKER



Sendhil Mullainathan, MIT

Sendhil Mullainathan is the Peter de Florez Professor at MIT, splitting his time between the Economics and the Electrical Engineering and Computer Science departments. His current research seeks to build and apply algorithmic tools that change how we do science, understand people and tackle hard problems in society. Previously, his research has combined insights from behavioral science with empirical methods—experiments, causal inference tools, and machine learning—to study problems such as discrimination and poverty. He currently teaches a course on Artificial Intelligence.

Outside of research, he co-founded a non-profit to apply behavioral science ([ideas42](#)), a center to promote the use of randomized control trials in development (the [Abdul Latif Jameel Poverty Action Lab](#)), has worked in government in various roles, and currently serves on the board of the MacArthur Foundation.

WORKSHOP SPEAKERS



Matthew Rushworth, University of Oxford

Matthew Rushworth is the Watts Professor in the Department of Experimental Psychology and Head of Department. He also works at the Wellcome Centre for Integrative Neuroimaging (WIN), University of Oxford, UK. His recent work has been concerned with the operation of brain circuits for decision making and social interaction. He is also interested in the understanding connections and interactions between brain areas. He has helped to develop methods for minimally invasive brain stimulation. Matthew Rushworth has worked in Montreal and London but has spent most of his career in Oxford.



Hilke Plassmann, INSEAD

Hilke Plassmann is the Octapharma Chaired Professor of Decision Neuroscience and Professor of Marketing in INSEAD's Marketing Area is an Affiliated Faculty at the Paris Brain Institute (ICM) of Sorbonne University.

Hilke is one of the pioneers in the nascent field of consumer neuroscience. Hilke's primary research area is judgment and decision-making in the intersection of neuroscience, psychology and economics. In recent and current research projects she investigates the neural basis of different decision-making related value signals and ways to self-regulate these signals along the gut-brain axis. Hilke is also interested the influence of pricing, branding and health information on consumer decision making and how neuroscience be used to predict business performance. Her work has implications for both, management and public policy.



11th Consumer Neuroscience Satellite Symposium

Nova School of Business & Economics
Westmont Hospitality Hall
Carcavelos Campus, Rua da Holanda 1,
Carcavelos, Portugal (entrance off of Av. Marginal)

Thursday, October 10, 2024
11:30am – 7:30pm



Keynote Speakers:

JDaniel McNamee, *Champalimaud Foundation*

Anastasia Buyalskaya, *HEC Paris*

Jin Ho Yun, *Wharton Business School*

Pedro Almeida, *Mediaprobe (formerly Mindprober)*

Organizers:

Irene Consiglio, *Nova School of Business & Economics*

Nikki Sullivan, *The London School of Economics and Political Science*

Vinod Venkatraman, *Temple University*

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.

Environmental, social, and corporate governance



Detailed Program

FRIDAY, OCTOBER 11

08:45-09:00 **Welcome & Opening Remarks**

■ Tali Sharot, *SNE President*

09:00-10:00 **Workshop I Neuroscience**

Matthew Rushworth, *University of Oxford*

10:00-11:00 **Workshop II Social and Decision Sciences**

Hilke Plassmann, *INSEAD*

11:00-11:15 **Tea & Coffee Break**

11:15-12:45 **Oral Session I Opportunity costs and opportunities lost**

Chair: Candace Raio, *New York University*

O.01.01 - Achieving Scale-Independent Reinforcement Learning Performance With Reward Range Normalization

Maeva Lhotellier¹, Jeremy Perez², Stefano Palminteri³

¹DEC, ENS-PSL, LNC2, INSERM, ²INRIA, ³École Normale Supérieure - Institut National de la Santé et Recherche Médicale

O.01.02 - Dynamic evolution of the decisional reference point across frontal brain regions in the monkey

Duc Nguyen¹, Erin Rich², Joni Wallis³, Kenway Louie¹, Paul Glimcher¹

¹New York University, ²Icahn School of Medicine at Mount Sinai, ³UC Berkeley

O.01.03 - A computational model of regret

Joseph Heffner¹, Robb Rutledge¹

¹Yale University

O.01.04 - Sensitivity to distinct types of regret recruits separate striatal networks

Romain Durand-De Cuttoli¹, Antonio Aubry¹, Long Li¹, Julian Sackey², Farzana Yasmin², Salma Elhassa², Sanjana Ahmed², Eric Nestler¹, Scott Russo¹, **Brian Sweis**¹

¹Icahn School of Medicine, ²Icahn School of Medicine at Mount Sinai

12:45-13:00 **Poster Spotlights I**

Chair: Rahul Bhui, *MIT Sloane*

PS.01.01 - Sex differences in change-of-mind neuroeconomic decision-making is modulated by LINC00473 in medial prefrontal cortex

Romain Durand-De Cuttoli¹, Orna Issler², Benjamin Yakubov³, Nusrat Jahan³, Aisha Abid³, Susanna Kasparov³, Kastalia Granizo³, Sanjana Ahmed³, Scott Russo¹, Eric Nestler¹, Brian Sweis¹

¹Icahn School of Medicine, ²NYU, ³Hunter College

PS.01.02 - Probability distortions reflect boundary effects under cognitive noise

Saurabh Bedi¹, Gilles De Hollander¹, Christian Ruff¹

¹University of Zürich

PS.01.03 - Serotonin increases willingness to wait for delayed rewards in humans

Karolina Lempert¹, Laura Zaneski², Arjun Ramakrishnan³, Daniel Wolf², Joe Kable²


¹Adelphi University, ²University of Pennsylvania, ³Indian Institute of Technology Kanpur



- 13:00-14:00 **Buffet Lunch**
- 13:00-14:00 **Lunch Panel Session**
Neuroeconomics past and future
Panelists:
- Colin Camerer
 - Tali Sharot
 - Uma Karmarkar

14:15-15:30 **Poster Session 1**
A full list of posters can be found on page 16

15:35-18:30 **Off-Site Activities**
Please select your preferred off-site activity on the conference registration form.

18:30-20:00 **Pub Meet Up**
Info in the app. 

SATURDAY, OCTOBER 12

9:00-10:30 **Oral Session II Learning Preferences**
Chair: **Iris Vilares**, *University of Minnesota, Twin Cities*

0.02.01 - Episodic memory is used to flexibly access features of past experience for decision making
Jonathan Nicholas¹, Marcelo Gomes Mattar¹
¹New York University

0.02.02 - Drug and food craving in daily life
Sergej Grunevski¹, Emmanuel Alvarez¹, Emma Schweitzer¹, Julia Kong¹, Anna Konova¹
¹Rutgers University

0.02.03 - Feeling Less, Risking More: The Role of Emotional Habituation in Risk-taking Escalation
Hadil Haj Ali¹, Moshe Glickman², Tali Sharot¹
¹University College London, ²University College London (UCL)

0.02.04 - Bayesian modeling of action-induced preference changes
Guihua Yu¹, Yaomin Jiang², **Yunlu Yin**³, Lusha Zhu¹
¹Peking University, ²Max Planck Institute for Human Development, ³Fudan University

10:30-10:45 **Tea & Coffee Break**

10:45-11:45 **Speed Networking**
Join us on October 12 in the hour before lunch, when trainees will have a chance to chat with faculty/PIs in a fun and informal setting.

11:45-12:45 **Buffet Lunch**

11:45-12:45 **Lunch & Roundtable session**
Session info TBC



12:45-14:15

Symposia I Ecological approaches to social learning and decision-making

Chair: **Patricia Lockwood**, *University of Birmingham*

S.01.01: Features and dynamics of social inference and decision-making in naturalistic human interaction

Tessa Rusch¹, John O'Doherty², Ralph Adolphs², Nina Rouhani¹

¹Caltech, ²California Institute of Technology

S.01.02: Testing a neural autopilot theory using social media and power law estimation

Colin Camerer¹

¹Caltech

S.01.03: Dynamics of Representational Geometry in Social Hierarchies and Cognitive Control

Seongmin Park¹, Maryam Zolfaghar², Jacob Russin³, Douglas Miller⁴, Randall O'reilly³, Erie Boorman⁵

¹CNRS, ²Department of Computer Science, UC Davis, ³Center for Neuroscience, UC Davis, USA, ⁴Center for Mind and Brain, UC Davis, USA, ⁵University of California, Davis

S.01.04: Ecological influences on human prosocial decision-making

Patricia Lockwood¹

¹University of Birmingham

14:15-14:30

Poster Spotlights II

Chair: **Lusha Zhu**, *Peking University*

PS.02.01 - Age-dependent changes in hippocampal contributions to decision-making

Michael Cohen¹, Karolina Lempert², Kameron Macneary³, Frances Reckers⁴, Laura Zaneski⁴, David Wolk⁵, Joe Kable⁴, **Camilla Van Green**⁴

¹University of Chicago, ²Adelphi University, ³University of Illinois - Urbana-Champaign, ⁴University of Pennsylvania, ⁵Hospital of the University of Pennsylvania

PS.02.02 - Creative choices rely on subjective values and suffer from cognitive biases

Sarah Moreno-Rodriguez¹, Alizée Lopez-Persem¹, Emmanuelle VOLLE²

¹Paris Brain Institute, ²ICM, INSERM, Sorbonne University

PS.02.03 - Psychological interventions increase motivation to exert effort to mitigate climate change

Jo Cutler¹, Luis Contreras Huerta², Boryana Todorova³, Jonas Nitschke³, Katerina Michalaki⁴, Lina Koppel⁵, Theofilos Gkinopoulos⁶, Todd Vogel¹, Claus Lamm³, Daniel Västfjäll⁵, Manos Tsakiris⁴, Matthew Apps¹, Patricia Lockwood¹

¹University of Birmingham, ²University of Oxford, ³University of Vienna, ⁴Royal Holloway University of London, ⁵Linköping University, ⁶Jagiellonian University

14:30-16:00

Poster Session 2

A full list of posters can be found on page 19

16:00-17:00

15th Annual Fred Kavli Plenary Lecture

Sendhil Mullainathan, *MIT*

Algorithms that Understand and Understood by People; and Misunderstood and Misunderstood by People

Sponsored by:



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18:30-20:00

Conference Networking Dinner

Location: Lota da Esquina, Largo Mte. Henrique Anjos 182, 2750-411 Cascais, Portugal



SUNDAY, OCTOBER 13

09:00-10:30

Oral Session III Value representation in the brain

Chair: **Brian Knutson**, *Stanford University*

0.03.01 - Neural asymmetric representations predict the decoy effect

Asaf Madar¹, Tom Zemer², Ido Tavor³, Dino Levy¹

¹Tel Aviv University, ²Tel Aviv University, Sagol School of Neuroscience, ³Tel Aviv University, Faculty of Medical & Health Sciences and Sagol School of Neuroscience

0.03.02 - Flexible hippocampal representation of abstract boundaries supports memory-guided choice

Mariachiara Esposito*¹, Lubna Abdul*¹, Marta Rodriguez Aramendía¹, Raphael Kaplan¹, Ameeruddin Ghouse¹

¹Universitat Jaume I, Castelló de la Plana, Spain

0.03.03 - Dissociable Neural Representation for Gains and Losses Under Uncertainty

Ohad Dan¹, Ifat Levy²

¹Yale University, ²Yale School of Medicine

0.03.04 - Reproducible neural activity during delay discounting across normative and psychiatric samplese

Lauren Patrick¹, Min Su Kang¹, Tinashe Tapera¹, Kosha Ruparel¹, Mark Elliott¹, Sage Rush-Goebel¹, Anna Xu¹, Matthew Cieslak¹, Caryn Lerman¹, Theodore Satterthwaite¹, Daniel Wolf¹, Joe Kable¹

¹University of Pennsylvania

10:30-10:45

Tea & Coffee Break

10:45-12:15

Oral Session IV Attention and efficiency

Chair: **Arkady Kononov**, *University of Birmingham*

0.04.01 - A model of goal-directed search in multi-attribute decision making

Sebastian Gluth¹, Jörg Rieskamp²

¹University of Hamburg, ²University of Basel

0.04.02 - Assessing uncertainty in valuation through direct behavioral measures

Hui-Kuan Chung¹, Nick Doren², Hsin-Hung Li³, Philippe Tobler¹

¹University of Zürich, ²Department of Economics, University of Zurich, Zurich, Switzerland, ³Department of Psychology, The Ohio State University, Ohio, USA

0.04.03 - Do glitches in the OFC neural code explain irrational choices? A neuro-computational approach to value synthesis

Juliette Bénon¹, Jean Daunizeau²

¹Paris Brain Institute, ²ICM, Paris

0.04.04 - Exploring attentional mechanisms underlying value normalization in human reinforcement learning

Romane Cecchi¹, Stefano Palminteri¹

¹École Normale Supérieure - Institut National de la Santé et Recherche Médicale

12:15-13:15

Buffet Lunch



13:15-14:45

Oral Session V Decision making in complex & social contexts

Chair: **Alan Sanfey**, *Donders Institute*

O.05.01 - The earning-spending behaviour and the underlying neural mechanism in macaque monkeys

Hualei Wang¹, Hangyu Si¹, Tianming Yang¹,
¹*Institute of Neuroscience, Chinese Academy of Sciences*

O.05.02 - Cognitive mechanism of decision-making under social responsibility

Dongqi (Sherry) Bao¹, Micah Edelson¹, Todd Hare¹
¹*University of Zürich*

O.05.03 - Do we advise as one likes? The alignment bias in social advice giving

Xitong Luo¹, **Lei Zhang**², Yafeng Pan¹
¹*Department of Psychology and Behavioral Sciences, Zhejiang University, Hangzhou, China*, ²*University of Birmingham*

O.05.04 - Individual differences in psychopathy are associated with increased social information use in a donation task

Iris Vilares¹, Tao Jin²
¹*University of Minnesota, Twin Cities*, ²*University of Minnesota*

14:45-15:00

Poster Spotlights III

Chair: **Liane Schmidt**, *National Institute of Health and Medical Research*

PS.03.01 - The anterior insula encodes salience in a subjective fashion and preferentially in the aversive domain

Jae-Chang Kim¹, Stephan Nebe¹, Lydia Hellrung¹, Philippe Tobler¹
¹*University of Zürich*

PS.03.02 - Bounded rationality in rats is accounted for by value normalization

Margarida Pexirra¹, Jeffrey Erlich²
¹*University College London*, ²*NYU Shanghai*

14:45-15:00

Awards Ceremony

Led by Tali Sharot, SNE current President

15:30-17:00

Poster Session III

A full list of posters can be found on page 22



Poster Sessions

ABOUT THE POSTER SESSION

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.

Session 1: **Friday, October 11, 2024**
14:00 - 15:30

Session 2: **Saturday, October 12, 2024**
14:30 - 16:00

Session 3: **Sunday, October 13, 2024**
15:30 - 17:00

The poster board numbers work in the following way:
Poster Session – Theme – Board Number (ex. P1-A-1)

POSTER THEMES

- A** Finance
- B** Consumer Behavior & Marketing
- C** Game Theory & Strategic Interactions
- D** Risk & Uncertainty
- E** Intertemporal Decision-Making & Self-Control
- F** Social Behaviour
- G** Individual & Lifespan Differences
- H** Learning & Memory
- I** Valuation & Decision Making
- J** Emotion
- K** Attention
- L** Methodological Development

Poster Session 1

P1-A-1 Are consumer financial decisions too hard? The case of credit cards.

Michelle Lee¹, Carsten Murawski¹, Nitin Yadav¹
¹University of Melbourne

P1-A-2 Predicting entrepreneurial pitch success using behavioral, textual, and EEG neuroforecasting

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P1-B-3 Neuroforecasting social media engagement with wildlife imagery

Tara Srirangarajan¹, Cynthia Wu¹, Nik Sawe¹, Tierney Thys², Brian Knutson¹
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P1-B-4 Untangling self-report and brain measurements in aggregate preference prediction

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P1-B-5 NeuroChic: Unraveling sustainable fashion advertising through brainwave insights

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P1-B-6 Unraveling other's preferences in bargaining through eye movements

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P1-B-8 Health goals alter the neural encoding of specific food nutrients

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P1-B-9 The effect of commercials on the neural signal of value

Inbal Gur Arie¹, Dino Levy¹, Adam Hakim¹
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P1-C-10 An investigation of learning in ambiguous contexts

Sibilla Di Guida¹, Luca Polonio², Davide Marchiori¹
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P1-C-11 Examining cognitive and motivational factors influencing optimal decision-making through eye-tracking

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P1-C-12 Trust, Risk, and Social Comparison

Shulang Yue¹, Iris Vilares¹
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P1-C-13 Mentalising underlies strategic coordination in Guinea baboons (*Papio papio*).

Toan Nong¹, Nicolas Claidière², Edmund Derrington¹, Joel Fagot², Jean-Claude Dreher²

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P1-D-14 Perceptual underpinnings of individual risk attitudes in adolescent dyscalculics

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P1-D-15 A gut feeling: Exploring the Effects of probiotics on risk-taking behavior using TMS and EEG

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P1-D-16 Translational characterization of neural circuits underlying risky choice

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P1-D-18 Sugar liking as an indicator of reward sensitivity in delay discounting and risk-taking tasks

Anna Davidovich¹, Ksenia Panidi¹

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P1-D-19 Metacognition generalizes across perception, delay discounting, and risk and ambiguity preference tasks

Corey Plate¹, Dhruv Govil¹, Mandy Renfro¹, Ricardo Pizarro¹, Charles Zheng¹, Zoe Boundy-Singer², Corey Ziemba³, Silvia Lopez-Guzman⁴

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P1-D-20 Delay, probability and effort discounting: convergent and divergent measures of reward valuation

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P1-D-21 Testosterone increases risk-taking when social status is at stake

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P1-D-22 Greater value of resolving uncertainty and positive outcomes in self-relevant compared to social information seeking

Jo Cutler¹, Matthew Apps¹, Patricia Lockwood¹

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P1-D-23 Experimentally-induced anxiety reduces behavioral dishonesty in low-trait anxious individuals: neural evidence from an EEG Study

Praveen Prem¹, Kyle Nash¹

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P1-D-24 Valence bias arises from both positive and negative responses to ambiguous stimuli

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P1-D-25, PS.01.02 Probability distortions reflect boundary effects under cognitive noise

Saurabh Bedi¹, Gilles De Hollander¹, Christian Ruff¹

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P1-E-26 Heterogeneity in cognitive capacity and impulsivity predicts the subjective cost of self-control

Nancy (Jiyan) Mao¹, Kleio Jiang², Sophia Vranos², Candace Raio¹

¹New York University, ²NYU Grossman School of Medicine

P1-E-27 Impatience and present bias do not determine weight loss in obesity: Evidence from lab-in-field and nationally representative data

Agneszka Tymula¹, Stefanie Schurer¹, Xueting Wang²

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P1-E-28 Heterogeneity in state anxiety and depression differentially affects self-control cost estimates

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P1-E-29, PS.01.03 Serotonin increases willingness to wait for delayed rewards in humans

Karolina Lempert¹, Laura Zaneski², Arjun Ramakrishnan³, Daniel Wolf², Joe Kable²

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P1-E-30 Computing confirmation bias in impression formation: A comparison between social and non-social contexts

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P1-F-32 Mechanisms of Learning in social networks: one-shot averaging or error-driven gradual updating

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P1-F-33 Neural responses to social rejection reflect learning about relational value and reward

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P1-F-34 Experience and advice consequences shape information sharing strategies

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P1-F-35 Mapping the cognitive and neural processes of inferring others' preferences from observing how they decide

Sophie Bavard¹, Sebastian Gluth¹

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P1-F-36 Egocentric anchoring-and-adjustment of social knowledge in the hippocampus

Marta Rodriguez Aramendía¹, Mariachiara Esposito¹, Raphael Kaplan¹

¹Universitat Jaume I

P1-F-37 The blessing and curse of value-shaping imitation

Isabelle Hoxha¹, Stefano Palminteri¹

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P1-F-39 Human cognitive biases extends to interaction with Artificial Intelligence systems

Moshe Glickman¹, Tali Sharot¹

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P1-F-40 Steeper social discounting after human basolateral amygdala damage

Tobias Kalenscher¹, Luca Lüpken¹, David Terburg², Jack Van Honk³
¹Heinrich Heine University Düsseldorf, ²Utrecht University, ³University of Cape Town

P1-F-41 Value-based preferences predict views on redistribution

Elijah Galvan¹, Alan Sanfey¹
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P1-F-42 The Impact of self-esteem and status disclosure on conspicuous consumption: An fMRI study

Saim Kim¹, Jinhee Kim¹, Gahyun Lim¹, Hackjin Kim¹
¹Korea University

P1-F-43 Neuroaffective mechanisms of interpersonal trust vary across cultures

Huan Wang¹, Yijie Fang², Christy Wang¹, Brian Knutson¹, Jeanne Tsai¹
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P1-G-44 Sensitivity to cognitive rewards changes through development

Tal Nahari^{*1}, India Pinhorn^{*1}, Tali Sharot¹
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P1-G-45 Effects of depression and self-esteem on self-related learning and attributions of outcomes

Annalina Mayer¹, Alexander Schröder¹, Nora Czekalla¹, David Stolz¹, Sören Krach¹, Tobias Kube², Laura Müller-Pinzler¹
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P1-G-46 What do your eyes smell? A multimodal study of visual consumer decision making of perfume bottles.

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P1-H-47 The importance of timing for learning and motivation

Giorgia Bergmann¹, Hui-Kuan Chung¹, Philippe Tobler¹
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P1-H-49 Confirmation bias during formation and revision of self-beliefs: The role of expectation and confidence

Alexander Schröder¹, Nora Czekalla¹, Annalina Mayer¹, Lei Zhang², David Stolz¹, Laura Müller-Pinzler¹, Sören Krach¹
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P1-H-50 Credit assignment in learning under temporal uncertainty

Jiwon Park¹, Dongil Chung¹
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P1-H-51 Paving the way for using neuroscience models in health economics: application of the active inference/free energy paradigm on health insurance choice

Eline Van Den Broek-Altenburg¹
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P1-H-52 Neural bases of epiphany learning: An fMRI study using a race game

Wei Chen¹
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P1-I-53 Valuing, Fast and Slow

Eric Feddeck¹, Inge Rabeling¹, Catalina Ratala¹, Alan Sanfey²
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P1-I-54 Is the whole the sum of its parts? Neural correlates of consumer bundle valuation in humans

Logan Cross¹, Ryan Webb², John O'Doherty³
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P1-I-55 Acute stress impairs cognitive task performance at varying levels of computational hardness

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P1-I-56 Neuro-metabolic correlates of the motivation to perform efforts

Nicolas Clairis¹, Arthur Barakat¹, Carmen Sandi¹
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P1-I-57 Dynamic changes in Fatigue reduce the willingness to exert effort in Parkinson's Disease.

Selma Lugtmeijer¹, Dariusz Pilucik², Annie Blake², Annika Kienast², Trevor Chong³, Masud Husain², Matthew Apps¹
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P1-I-59 The explore/exploit trade-off drives behavioural variability in human and rat foraging decisions

Emma Scholey¹, Matthew Apps¹, Mark Humphries²
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P1-I-60 Efficient value coding emerges via synaptic plasticity in neural networks

Bo Shen¹, Soomin Song¹, Robert Froemke¹, Kenway Louie², Paul Glimcher¹
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P1-I-61 A neurocomputational basis of effort-based decision making in substance use

Kasey Spry¹, Kenneth Kishida², Merideth Addicott²
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P1-I-62 Gaze patterns associated with efficient few-shot rule-learning

Leah Bakst¹, Caroline Ahn¹, Quan Do¹, Michael Pascale¹, Chantal Stern¹, Michael Hasselmo¹, Joseph McGuire¹
¹Boston University

P1-I-63 Neural dynamics of predicting others' choices

Erik Stuchlý¹, Sebastian Gluth¹
¹University of Hamburg

P1-I-64 A neurocomputational framework for multi-attribute value construction

Raphael Le Bouc¹, Gilles De Hollander¹, Marcus Grueschow¹, Christian Ruff¹
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P1-I-65 Avoiding physical effort may depend on the motivation to exert cognitive effort into difficult choices

Jamie Talbot¹, Anna Krnic¹, Matthew Apps¹
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P1-I-66 Specific sensitivity to rare and extreme events: quasi-complete black swan avoidance vs partial jackpot seeking in rat decision-making

Mickael Degoulet¹, Louis-Matis Willem², Christelle Baunez¹, Stephane Luchini³, Patrick Pintus⁴
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P1-I-67, PS.01.01 Sex differences in change-of-mind neuroeconomic decision-making is modulated by LINC00473 in medial prefrontal cortex

Romain Durand-De Cuttoli¹, Orna Issler², Benjamin Yakubov³, Nusrat Jahan³, Aisha Abid³, Susanna Kasparov³, Kastalia Granizo³, Sanjana Ahmed³, Scott Russo¹, Eric Nestler¹, Brian Sweis¹
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P1-J-68 How hard (physical) effort feels is dependent on the history of exertion and rests

Tanja Müller¹, Joseph Milton², Masud Husain², Matthew Apps³
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P1-K-69 Improving models of attention: Distinguishing between agent-specific and decision-specific channels of attention in risky decision-making

Jan Engelmann¹, Alejandro Hirmas¹, Joel Van Der Weele¹
¹University of Amsterdam

Poster Session 2

P2-A-70 Attentional mechanisms on gender homophily bias in equity crowdfunding: an eye-tracking study

Marco Barone¹, Candida Bussoli¹, Lucrezia Fattobene², Aiqing Ling³

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P2-A-71 Socioeconomic status and risk taking behaviors: evidence from online gambling

Sally Gainsbury¹, Hyundam Je¹, Emily Shaw¹, Agnieszka Tymula¹
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P2-B-73 The influence of regret on insurance purchase decisions: insights from an ERP study

Xiaolan Yang¹, Mengru Ji¹, Mei Gao¹
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P2-B-74 Low level visual and auditory features predict preference for commercials

Inbal Gur Arie¹, Dino Levy¹, Valentina Parada¹
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P2-B-75 Source memory is more accurate for opinions than for facts

Daniel Mirny¹, Stephen Spiller²
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P2-B-76 Predicting consumer purchase intention with different payment methods: A neuroforecasting approach with regression and machine learning

Aiqing Ling¹, Manlin Wang²
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P2-B-77 Using fMRI neural responses to distinguish AI-generated and real images

Thomas Henning¹, Antonio Rangel¹, Colin Camerer¹
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P2-B-78 A novel tool for measuring the continuous changes in value

Inbal Gur Arie¹, Dino Levy¹
¹Tel Aviv University

P2-C-79 Humans decide to help others more often in poor environments

Todd Vogel¹, Jo Cutler¹, Tabitha Hogg¹, Nima Khalighinejad², Luke Priestley², Neil Garrett³, Matthew Apps¹, Matthew Rushworth², Patricia Lockwood¹
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P2-C-80 Mechanisms of prosociality in human social groups

Paul Vanags¹, Jo Cutler¹, Arkady Konovalov¹, Matthew Apps², Ian Apperly¹, Seongmin Park³, Patricia Lockwood¹
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P2-D-81 Sequential information preferences in uncertain decision-making

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P2-C-82 Developing a computational model for unraveling theory of mind dynamics in social interactions

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P2-D-83 Stereoelectroencephalography (SEEG) recording and stimulation of anterior insula in an instrumental task with frequent outliers

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P2-D-85 Behavioral and neural aspects of knowledge-based effort regulation – introducing the learning of effort-efficacy task

David Stolz¹, Nora Czekalla¹, Finn Luebber¹, Annalina Mayer¹, Laura Müller-Pinzler¹, Alexander Schröder¹, Yana Schwarze¹, Jan Weis¹, Sören Krach¹, Frieder Paulus¹
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P2-D-86 An experimental and computational test of links between self-esteem, experience of (un-)certainty, and positive affect

Jan Weis¹, David Stolz¹, Frieder Paulus¹, Sören Krach¹
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P2-D-87 The pleasures of suspense enhance risk-taking

Maria Pitteri¹, Roxane Morand¹, Bastien Blain¹
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P2-D-88 Risk attitudes causally emerge from magnitude representations in intraparietal cortex: Evidence from combined TMS-fMRI

Gilles De Hollander¹, Marius Moisa¹, Christian Ruff¹
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P2-D-89 - How the COVID-19 pandemic disrupted optimism bias in belief updating

Iraj Khalid¹, Orphee Morlaas¹, Hugo Bottemanne¹, Lisa Thonon¹, Thomas Da Costa¹, Philippe Fossati¹, Liane Schmidt²
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P2-D-90 Subliminal risk influences valuation processes in ventromedial prefrontal cortex

Patricia Fernandes¹, Sangil Lee², Joe Kable³, Philipp Seidel⁴, Jorge Almeida¹, Johan Eriksson⁵, Bruno De Sousa¹, Fredrik Bergström¹
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P2-D-91 Valuation reduces the description-experience gap by aligning probability distortions

Maïke Brandt¹, Stephan Nebe¹, Philippe Tobler¹
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P2-D-92 Meta-cognitive judgements of confidence are susceptible to momentary fluctuations in fatigue

Katarzyna Dudzikowska¹, Nikita Mehta¹, Matthew Apps¹
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P2-E-93 Temporal discounting enlarges motivational difference of long-term goal and immediate gratification via striatal activities

Yang Xu¹, Yachao Rong², Ping Wei¹
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P2-E-94 Associations between duration memory and temporal discounting

Jonathan Grant¹, Chloe Ott¹, Luis S. Garcia Campos¹, Karolina M. Lempert¹
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P2-E-95 A neuroeconomic explanation for contingency management

A. David Redish¹, Anthony Defulio², Paul Regier³, Rosemarie Davidson², Haily Traxler⁴, Jenna Royle⁵, Hannah Gass²
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P2-E-96 Taste processing is cognitively costly: an fMRI study on self-control under increased working memory load

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P2-E-97 Delay discounting and willingness to wait in individuals with cocaine use disorder

Pazia Miller¹, Anna Konova², Karolina Lempert¹
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P2-E-98 Increased delay discounting underlies behavioral symptoms in dementia and relates to medial pulvinar atrophy.

Anaïs Durand¹, Richard Levy¹, Bénédicte Batrancourt¹, Liane Schmidt², Leonie Koban³, Hilke Plassmann⁴, Valérie Godefroy³
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P2-E-99 Optimal and sub-optimal intertemporal decisions explain procrastination in a real-world task

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P2-F-100 Dynamic interplay of hierarchical rank and social contexts in shaping perceived fairness

Yaner Su¹
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P2-F-101 Neural correlates of reward anticipation after acute stress in alcohol use disorder

Yana Schwarze¹, Johanna Voges², Alexander Schröder¹, Klaus Junghanns¹, Frieder Paulus¹, Sören Krach¹, Lena Rademacher¹
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P2-F-102 Human cerebellum and social navigation: Cerebello-cerebral connections using dynamic causal modelling

Meijia Li¹, Frank Van Overwalle²
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P2-F-103 Neural structures underpinning ingroup bias and its malleability

Pyungwon Kang¹, Yurong Sun², Juyoung Kim³, Hackjin Kim³, Sunhae Sul⁴, Grit Hein⁵, Philippe Tobler¹
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P2-F-104 How does soft power work? Behavioral responses of attraction-based influence

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P2-F-105 A meta-analysis of brain stimulation of the rDLPFC in social decision-making

Leticia Micheli¹, Valerio Capraro²
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P2-F-106, PS.02.03 Psychological interventions increase motivation to exert effort to mitigate climate change

Jo Cutler¹, Luis Contreras Huerta², Boryana Todorova³, Jonas Nitschke³, Katerina Michalaki⁴, Lina Koppel⁵, Theofilos Gkinopoulos⁶, Todd Vogel¹, Claus Lamm³, Daniel Västfjäll⁵, Manos Tsakiris⁴, Matthew Apps¹, Patricia Lockwood¹

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P2-F-107 An fMRI study on behavior and neural responses of men to female body odors

Maya Armin¹, Elena Losse², Susanne Nehls², Thilo Kellermann², Natalia Chechko², Ute Habel³

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P2-F-108 Neurocomputational signatures of altered adaptive mentalization in autism

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P2-F-109 The Neurocomputational Basis of Responsibility in Reparation-Giving

Elijah Galvan¹, Jeroen van Baar², Luke Chang³, Alan Sanfey¹

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P2-F-110 Dorsomedial prefrontal cortex has a causal role in social influence

Zhilin Su¹, Mona M. Garvert², Lei Zhang¹, Todd Vogel¹, Jo Cutler¹, Masud Husain³, Sanjay Manohar³, Patricia Lockwood¹

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P2-F-111 Characterizing BPD- and PTSD- feature-related variation in social trust learning

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P2-F-112 The Neural Signature of "Motive Cocktail" in Altruistic Behavior

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P2-F-113 Emotion vs. reward prediction errors in social decisions across adulthood

Colleen Frank¹, Kendra Seaman¹

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P2-G-114 Age-dependent strategies in motivating effort towards deadlines from adolescence to adulthood

Janine Pfirrmann¹, Todd Vogel¹, Andrea Pisauro², Tabitha Hogg¹, Margot Gueguen¹, Laura Rourke¹, Matthew Apps¹, Patricia Lockwood¹

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P2-G-115 Characterizing the dynamics and experience of value-based decision-making in childhood and adolescence

Mahalia Prater Fahey¹, Xiamin Leng¹, Megan Talikoff¹, Joonhwa Kim¹, Amitai Shenhav¹

¹Brown University

P2-G-116, PS.02.01 Age-dependent changes in hippocampal contributions to decision-making

Michael Cohen¹, Karolina Lempert², Kameron Macnear³, Frances Reckers⁴, Laura Zaneski⁴, David Wolk⁵, Joe Kable⁴, Camilla Van Geen⁴

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P2-H-117 Integrating habit and reinforcement learning within a classical drift-diffusion model

Viktor Timokhov¹, Hugo Fluhr¹, Philippe Tobler¹, Stephan Nebe¹

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P2-H-118 Neural correlates of choice frequency in habitual behavior: An fMRI study

Hugo Fluhr¹, Viktor Timokhov¹, Philippe Tobler¹, Stephan Nebe¹

¹University of Zurich

P2-H-119 Distinct effects of anxiety and depression on reinforcement learning

Xinru Huang¹

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P2-H-120 Mixed evidence for rational counterfactual learning

Kate Nussenbaum¹, Nathaniel Daw¹

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P2-H-121 Confirmation bias exists in the face of false information

Hamid Razi¹, Thomas Sambrook², Neil Garrett²

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P2-I-122 Cardiac activity as a predictor of monetary donations

Anna Shepelenko¹, Pavel Shepelenko², Marina Tiuleneva³, Anastasia Obukhova⁴, Vladimir Kosonogov¹, Victoria Moiseeva¹, Iiro Jaaskelainen⁵, Hanna Keren⁶, Anna Shestakova¹

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P2-I-123 Self induced framing to aid decision-making

Marc-Lluís Vives¹, Pablo León-Villagrán²

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P2-I-124 Relative value biases in large language models

William Hayes¹, Nicolas Yax², Stefano Palminteri³

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P2-I-125 The common root of creativity-related preferences across domains.

Gino Battistello¹, Sarah Moreno-Rodriguez¹, Emmanuelle Volle¹, Alizée Lopez-Persem¹

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P2-I-126 Urgency and strategy selection in multi-attribute choice

Krzysztof Bielski¹, Szymon Wichary²

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P2-I-127 Computations underpinning the integration of value and perceptual evidence during decision making

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Poster Session 3

P2-I-128 The use of graphical visualizations to support decisions: a study to investigate cognitive load.

Maria Clara De Oliveira Gê¹, Lucia Reis Peixoto Roselli², Anderson Lucas Carneiro De Lima Da Silva¹, Jefferson Sousa Medeiros, Laura Emily Ataíde Barros¹, Ana Paula Cabral Seixas Costa¹, Adiel de Almeida¹

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P2-I-129 Behavioral study of the preferences expressed by two different groups of decisions-makers

Lucia Reis Peixoto Roselli¹, Jefferson Sousa Medeiros¹, Maria Clara De Oliveira Gê¹, Rodrigo José Leite Cavalcante¹, Antônio Reinaldo Silva Neto¹, Thárcylla Rebecca Negreiros Clemente¹, Anderson Lucas Carneiro De Lima Da Silva¹, Ana Paula Cabral Seixas Costa¹, Danielle Morais¹, Adiel de Almeida¹

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P2-I-130 Intrinsic and Instrumental value: Domain-general principles determine choice across material, cognitive and visual domains.

India Pinhorn¹, Bastien Blain², Tali Sharot¹

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P2-I-131 Optimistic update bias beyond life events

Zheyi Ding¹, Jian Li¹

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PS.02.02, P2-I-132 Creative choices rely on subjective values and suffer from cognitive biases

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P2-I-133 Developing and validating a scenario-based cognitive bias questionnaire

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P2-I-134 Dissociating the role of the peri-hippocampal and parietal cortex in human model-based reinforcement learning

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P2-I-135 Disambiguating the effect of individual risk preference on incentivize-induced confidence bias

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P2-I-136 Cognitive imprecision explains choice stochasticity across different preference tasks

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P2-J-137 Application of neuroimaging to better understand the role of emotions in patient and caregivers' decision-making

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P2-L-138 Excessive-demand measure outperforms in explaining lab asset-market price changes: Toward a biomarker of excessive demand

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P3-B-146 Eyes on the Story, Hands on the Wallet?

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P3-B-147 Seeking or ignoring ethical certifications in consumer choice

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P3-B-148 Neuroforecasting demand for different types of movies

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P3-C-149 A new recursive Theory of Mind model for adaptive inference about the other player's strategies

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P3-C-150 Generalized and social anxiety exert dissociable but task-specific effects on strategic game play

Amrita Lamba¹, Rebecca Saxe¹

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P3-C-151 The selfishness of adolescents overrules cooperation in social dilemmas

Xiaoyan Wu¹, Hongyu Fu¹, Gökhan Aydoğan², Chunliang Feng³, Chao Liu¹

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P3-C-152 Persistence of strategic sophistication and transfer of learning across games

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P3-D-153 Uncovering decision strategies through fixation patterns and choice movement trajectory

Youngbin Kwak¹, Ramiro Eduardo Rea Reyes¹

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P3-D-155 Stay, withdraw, escape: humans integrate economic opportunity costs and benefits in survival decisions

Juliana K. Sporrer¹, Ulises Daniel Serratos Hernandez¹, Jules Brochard², Jack Brookes¹, Samson Hall³, Dominik Bach³, Sajjad Zabbah¹

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P3-D-156 Reward prediction updates: Tracking changes in reward expectations

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P3-D-157 Bayesian-optimality of decision-making behavior across time

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P3-D-158 Evaluating the test-retest contextual reliability of novel metrics of metacognition and value-based choice

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P3-D-159 Evaluation of cognitive aspects in decision-making under risk: an eye-tracking study

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PS.03.01, P3-D-160 The anterior insula encodes salience in a subjective fashion and preferentially in the aversive domain

Jae-Chang Kim¹, Stephan Nebe¹, Lydia Hellrung¹, Philippe Tobler¹

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P3-D-161 Biased processing of multiple outcomes in human reinforcement learning: evidence from computational modelling and eye-tracking

Henri Vandendriessche¹, Charlotte Gruson², Antonios Nasioulas³, Camille Straboni⁴, Stefano Palminteri¹, Maël Lebreton³

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P3-E-162 Top-down and bottom-up motivations for self-control exert unique influences on nutritional decision making

Matthew Bachman¹, Sophie Faessen¹, Cendri Hutcherson¹

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P3-E-163 Age differences in integration of values for self and others: Protective role of inhibitory control

Anita Tusche¹

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P3-E-165 Choice strategies in sequential decision-making

Sergej Golowin¹, Christoph Korn²

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P3-E-166 Risk attitudes in monetary lottery task and in an equivalent time lottery task

Wen-Yi Yang¹, Shih-Wei Wu¹

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P3-E-167 Improving self-control: the effect of role models' observation on near and far transfer

Mina Movahedi¹, Gayannee Kedia¹, Katja Corcoran¹, Amelie Baitinger¹, Nussgraber Clemens¹

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P3-E-168 Developing an ontology for quantifying risk of transitioning from occasional opioid use to opioid use disorder

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P3-F-169 Acting in social groups can induce an inflated sense of confidence

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P3-F-170 Communication with surprise – computational and neural mechanisms for non-verbal human interactions

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P3-F-171 Part of my pack? Examining how affiliation shapes competition and social hierarchy learning

Rémi Janet¹, Caroline Charpentier², Andy Stokes-Noonan¹, Esther Diekhof³, Anita Tusche¹

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P3-F-172 Ventromedial prefrontal cortex lesions disrupt learning to reward others

Margot Gueguen¹, Jo Cutler¹, Daniel Drew², Matthew Apps¹, Deva Sanjeeva Jeyaretna², Masud Husain², Sanjay Manohar², Patricia Lockwood¹

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P3-F-173 The influence of peer victimization on social decision making

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P3-F-174 Human detection and alignment with large language models' judgements in moral decision-making context

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P3-F-175 You scratch my back and I'll scratch yours: Friendship closeness oppositely modulates hedonic responses during reciprocal benefit

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P3-F-176 Emotional correlates of antisocial behavior: peripheral nervous system markers and FaceReader study

Elizaveta Ivanova, Oksana Zinchenko¹, Vladimir Kosonogov¹, Victoria Moiseeva¹, Anna Shestakova¹, Vasily Klucharev¹, Mario Martinez-Saito²

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P3-F-177 The effect of ecolabels and visual attention on producer's sustainable decision-making: A novel resource dilemma

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P3-F-178 Attention discrimination and performance evaluation

Jan Hausfeld¹, Yuki Takahashi², Boris Van Leeuwen²

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P3-F-179 Neural mechanisms of social influence on taste preferences in mice: insights from automated, naturalistic behavioral testing

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P3-G-180 Individual differences in seeking and avoiding threatening information

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P3-G-181 Reference-dependence and mood: anhedonia and feeling down are associated with divergent reference points

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P3-G-182 Predicting children's current and future mental health by their brain functional connectivity

Mirjam Habegger¹, Nora Raschle¹, Todd Hare¹

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P3-G-183 In-utero trauma during World War II affects brain development and life outcomes

Gökhan Aydoğan¹, Sepp Kollmorgen¹, Valerio Mante¹, Birgit Kleim¹, Gideon Nave², Christian Ruff¹

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P3-H-184 Rats and humans are susceptible to context biases in reinforcement learning

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P3-H-186 Value-Based Decisions Across Multiple Goals

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P3-H-187 What is the value of affect during self-belief formation?

Nora Czekalla¹, Alexander Schröder¹, Annalina Mayer¹, David Stolz¹, Frieder Paulus¹, Sören Krach¹, Laura Müller-Pinzler¹

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P3-H-188 Neurocomputational mechanisms of affected beliefs

Sören Krach¹, Alexander Schröder¹, David Stolz¹, Annalina Mayer¹, Nora Czekalla¹, Frieder Paulus¹, Laura Müller-Pinzler¹

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P3-H-189 Cost-benefit tradeoffs in integrating information in multiple-feedback Reinforcement Learning

Maël Lebreton¹, Antonios Nasioulas¹

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P3-I-190 generalized grid-like coding of neuroeconomic value

Mark Orloff¹, Seongmin Park², Jake Blumwald¹, Philippe Domenech³, Erie Boorman¹

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P3-I-191 Tracking unsignalled effort in volatile environments

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P3-I-192 Detecting regime shifts in financial investment decisions

Ai-Lin Chen¹, Mu-Chen Wang¹, Shih-Wei Wu¹

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P3-I-193 Computational properties of human reasoning as emergent dynamical features of time-optimal inference

Francesco Trapani¹, Carlos Stein¹, Daniel McNamee¹

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P3-I-194 Linking gender differences in reference points and labor market outcomes

Lexin Liang¹, Paul Glimcher¹

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P3-I-195 Do inherent preferences interfere with associative learning of food values?

Alexandra Rich¹, Sohum Kapadia¹, Ohad Dan¹, Ifat Levy²

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PS.03.02, P3-I-196 Bounded rationality in rats is accounted for by value normalization

Margarida Pexirra¹, Jeffrey Erlich²

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P3-I-197 Navigating uncertainty: the role of confidence in reinforcement learning

Constance Destais¹, Nahuel Salem-Garcia², Stefano Palminteri², Maël Lebreton¹

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P3-I-198 It's sad but true: Emotions and trustworthiness of information

Marja-Liisa Halko¹, Juho Halonen¹, Marita Laukkanen², Henri Nyberg³, Mikko Salmela¹

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P3-I-199 Inferring affect from neural activity elicited by monetary incentives

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P3-I-200 Bottom-up and top-down attention in value-based choice

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P3-I-201 Attention allocation under scarcity: Theory & experiment

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P3-I-202 Testing predictions of a model for flexible goal-directed decision-making

Romy Froemer¹, Chih-Chung Ting², Sebastian Gluth², Amitai Shenhav³

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P3-I-203 The role of attention in choice architecture for promoting sustainable behavior

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P3-I-204 Determinants of context-dependent valuation in artificial and biological neural networks

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P3-K-205 Optimal Decision Time

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P3-L-206 - Improve theorizing and value of empirical work with an interactive tool for data simulation

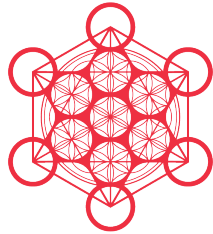
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