

Wednesday 16.6.21

Agency/Volition

Moderator: Uri Maoz

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	Title	Authors
19:30	The Dynamic Self: Serial-dependence effects in embodied sense of agency	Yoni Stern, Inbar Ben-Yehuda, Adam Zaidel, Roy Salomon
19:40	Predictive attenuation of touch and tactile gating are distinct perceptual phenomena	Konstantina Kilteni, Henrik Ehrsson
19:50	Are judgments of agency metacognitive?	Marika Constant, Roy Salomon, Elisa Filevich
20:00	Slow ramping in spiking neurons; a LIF network model of spontaneous actions	Jake Gavenas, Ueli Rutishauser, Aaron Schurger, Uri Maoz
20:10	What is the feeling of effort about?	Juan Pablo Bermúdez
20:20	How Hypnosis Experiments Question the Plausibility of Counterfactualist Mental Causation	Ben Whittington
20:30	Anomalous Self- and World-Experiences in Depersonalisation Traits - a Qualitative Study	Anna Ciaunica, Elisabeth Pienkos, Estelle Nakul, Luis Madeira, Harry Farmer
20:40	Reverse Choice Blindness: People reject what they want when making an error in getting it.	Gabriel Vogel, Lars Hall, Peter Johansson
20:50	Reflectivity as part of an Evolutionary Scenario for Self-Consciousness. Impact on Pre-Reflective Self-Consciousness	Christophe Menant

Altered states: sleep & disorders of consciousness

Moderator: Thomas Andrillon

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	Title	Authors
19:30	The brain bases of responsiveness variability under moderate anaesthesia	Feng Deng, Nicola Taylor, Adrian M. Owen, Rhodri Cusack, Lorina Naci
19:40	Predicting lapses of attention with sleep-like slow waves	Thomas Andrillon, Angus Burns, Teigane MacKay, Jennifer Windt & Naotsugu Tsuchiya
19:50	The Dynamics of Affect Across the Wake-Sleep Cycle: From Waking Mind-Wandering to Night-Time Dreaming	Pilleriin Sikka, Katja Valli, Antti Revonsuo, Jarno Tuominen
20:00	Dreams, Sleep and Emotions: Survey findings during Covid-19 pandemic	Dr. Gulshan Kumar, Dr. Ravi Yadav, Dr. Ravindra P. N., Dr. Bindu M. Kuty
20:10	Depression as a Global State of Consciousness	Cecily M K Whiteley
20:20	Cortical Function in Acute Severe Traumatic Brain Injury and at Recovery: A Longitudinal fMRI Case Study	Karnig Kazazian, Loreta Norton, Teneille Gofton, Derek Debicki, Adrian M. Owen
20:30	Brain Glucose Hypo-metabolism in Patients with Disorders of Consciousness: A Meta-analysis	Baris Kaan Ok, Arianna Sala, Jitka Annen, Aurore Thibaut, Steven Laureys
20:40	Interpreting neural measures of consciousness in disorders of consciousness: a role for a comparative, inductive approach?	Jasmine Walter

Interoception

Moderator: Nava Levit-Binnun

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	Title	Authors
19:30	The prognostic value of heart-evoked potentials in acute unresponsive patients	Leah Banellis, Damian Cruse
19:40	Past and Future Explanations for Depersonalisation and Derealisation Disorder; A Role For Predictive Coding.	Andrew Gatus, Graham Jamieson (Supervisor), Bruce Stevenson (Co-supervisor)
19:50	Steady-state evoked potentials differentiate between exteroceptive and interoceptive attention	L Kritzman, M Eidelman-Rothman, D Freche, A Keil, G Sheppes, N Levit-Binnun
20:00	Cardiac attribution to oneself is modulated by synchronous heartbeat biofeedback	Paradeisios Alexandros Boulakis, Federico Raimondo, Sepehr Mortaheb, Lionel Naccache, Athena Demertzi
20:10	Frontal midline theta neurofeedback training as a potential intervention for adolescent depression	Suma Bhaskar, Dr Ravindra P. N., Dr Arun Sasidharan, Dr Ramajayam G., Dr Bindu M. Kutty
20:20	Interoceptive sentience as the affective, ubiquitous, homeostatic and most basic form of consciousness.	Ignacio Cea, David Martinez-Pernia
20:30	Mind body coherence	Hannah Biddell
20:40	Interoceptive Attention to Bodily Sensations in Mindfulness	Dar, Omer*; Hadash, Yuval; Veksler, Tanya; Oren-Schwartz, Romi; Levy-Kornbluth, Ma'ayan; Amir, Iftach; Goldstein, Pavel; Bernstein, Amit
20:50	The Effects of mindfulness practice on the association between autonomic interoceptive signals and emotion regulation selection	Ziv Ardi, Yulia Golland, Roni Shafir, Gal Sheppes, Nava Levit-Binnun

NCC & bodily consciousness

Moderator: Leon Deouell

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	Title	Authors
19:30	How the bodily self interacts with the remembered self: Episodic autobiographical memory for virtual scenes is modulated by different levels of bodily self-consciousness during encoding	N.H. Meyer ,B. Gauthier, E. Franc, F. Lance, J. Potheegadoo, O. Blanke
19:40	Onset times of the referral-of-touch and ownership sensation in the rubber hand illusion	Anantha Krishna Sivasubramaniam, Rachel Pye, Andreas Kalckert
19:50	Differences in cortical working memory coding of biological motion of oneself and others	Mateusz Woźniak, Timo Torsten Schmidt, Yuan-hao Wu, Felix Blankenburg, Jakob Hohwy
20:00	Neurophenomenology of Simple Sensory Experience: An fNIRS Study	Asger Lakkenborg, Esben Kran, Rebekah Baglini, Andreas Roepstorff, Daina Crafa
20:10	Subcortical neuronal correlates of perceptual consciousness	Michael Pereira, Nathan Faivre, Fosco Bernasconi, Jacob Suffridge, Shuo Wang, Victor Finomore, Nicholas Brandmeir, Ali Rezai, Olaf Blanke
20:20	Structural constraints on NCCs	Sascha Benjamin Fink, Holger Lyre, Lukas Kob
20:30	Lempel-Ziv complexity changes across states of consciousness are dominated by spectral effects	Pedro Mediano, Fernando Rosas, Adam Barrett, Daniel Bor
20:40	What could patients teach us about the limits of cognitive-motor dissociation?	Perrine Séguin, Emmanuel Maby, Fabien Perrin, Alessandro Farnè, Jérémie Mattout
20:50	Self perception under existential threat in mindfulness meditators	Yair Dor-Ziderman, Antoine Lutz, Avi Goldstein, Aviva Berkovich-Ohana

Meta-cognition III

Moderator: Dobromir Rahnev

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	Title	Authors
19:30	The role of metacognition in monitoring performance and regulating learning in early readers	Ioanna Taouki, Marie Lallier, David Soto
19:40	The Simultaneous Encoding/ Serial Experience theory of the Perceptual Moment: a Blink of (Meta)-Experience	Howard Bowman, William Jones, Hannah Pincham, Steve Fleming, Axel Cleeremans and Murray Smith
19:50	Do we rely on the outcome of our movements to know how we just moved?	Charalampaki Angeliki, Filevich Elisa
20:00	Dopaminergic modulation of reversal-learning and associated confidence in Parkinson's disease and heroin addiction	Vanessa Fleury, Damien Benis, Astrid Kibleur, Daniele Zullino, Paul Krack, Nathan Faivre
20:10	Zero-shot search termination reveals a dissociation between implicit and explicit metacognitive knowledge	Matan Mazor, Stephen M. Fleming
20:20	"Metacogmission": measuring metacognition across the lifespan and over two cognitive domains via an engaging gamified task	Andrew McWilliams, Hannah Bibby, Nikolaus Steinbeis, Stephen M. Fleming
20:30	Where does metacognitive inefficiency come from?	Dobromir Rahnev, Medha Shekhar
20:40	Evaluating type 1 error rates of traditional and hierarchical measures of metacognitive accuracy	Manuel Rausch, Michael Zehetleitner
20:50	How do humans give confidence? Comparing 12 popular process models	Medha Shekhar, Dobromir Rahnev

Models of consciousness

Moderator: Adam Safron

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	Title	Authors
19:30	An academic survey on theoretical foundations, common assumptions and the current state of the field of consciousness science	Jolien C. Francken, Lola Beerendonk, Dylan Molenaar, Johannes J. Fahrenfort, Julian D. Kiverstein, Anil K. Seth, Simon van Gaal
19:40	An Integrated World Modeling Theory for Consciousness	Adam Safron, PhD
19:50	The Consciousness Theories Studies (ConTraSt) database: analyzing and comparing empirical studies of consciousness theories	Itay Yaron, Lucia Melloni, Michael Pitts, Liad Mudrik
20:00	Falsification and Consciousness	Johannes Kleiner, Erik Hoel
20:10	"Demystified" consciousness? Not so fast.	Łukasz Kurowski
20:20	The Exclusion Axiom of Integrated Information Theory of Consciousness	Nithin Nagaraj
20:30	Why consciousness isn't even epiphenomenal	Thomas W. Clark
20:40	What do illusionists mean when they talk about 'what-it-is-likeness' of conscious experience?	Krzysztof Dolega
20:50	Implicit-Explicit Gradient of Consciousness as Such	Zoran Josipovic

NCC

Moderator: Raphael Malach

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	Title	Authors
19:30	NCC, P3b, and No-Report Paradigms	Yen-Kuan Chen, Tony Cheng, Chen-Wei Wu, Po-Jang Hsieh
19:40	Electrophysiological correlates of awareness and task relevance in an inattentional deafness paradigm	Torge Dellert, Insa Schlossmacher, Maximilian Bruchmann, Thomas Straube
19:50	Evidence for an active role of inferior frontal cortex in conscious experience	Veith Weilhhammer, Merve Fritsch, Meera Chikermane, Anna-Lena Eckert, Katharina Kanthak, Heiner Stuke, Jakob Kaminski, Philipp Sterzer
20:00	Empirical investigations of the higher-order state space framework.	Oliver Warrington, Nadine Dijkstra, Stephen Fleming
20:10	Directed information dissociates perceiving from reporting during visual bistability	Andres Canales-Johnson, Lola Beerendonk, Robin A.A. Ince, Simon van Gaal
20:20	A no-report paradigm reveals that face cells multiplex consciously perceived and suppressed stimuli	Janis Karan Hesse, Doris Ying Tsao
20:30	The onset of subjective visual experience emerges within the P2/N2 range - evidence from a direct behavioral approach in combination with EEG.	Renate Rutiku, Klaus-Peeter Ladva, Michał Wierzchoń, Talis Bachmann, Chen Song
20:40	Does the Prefrontal Cortex Play an Essential Role in Consciousness? Insights from Intracranial Electrical Stimulation of the Human Brain	Omri Raccach, Ned Block, Kieran C.R. Fox
20:50	Population activity structure rather than response magnitude underlies perceptual stability in the human brain	Rotem Broday-Dvir, Yitzhak Norman, Rafael Malach

Phenomenal/Access

Moderator: Simon van Gaal

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	Title	Authors
19:30	Pupil dilation increases when participants report familiarity for images of faces they have not seen before	Kirsten Ziman, Jeremy R. Manning
19:40	Top-down and Bottom-up Interaction as a Behavioural Marker of Access Consciousness	Zefan Zheng, Shuyue Huang, Yongchun Cai
19:50	Iggy and Ziggy on consciousness. Reconsidering Chalmers' hard, easy, and meta-problems of consciousness	Tobias Schlicht
20:00	Studying P-without-A experimentally: a novel paradigm for isolating phenomenal and access consciousness.	Yoni amir, Yaniv Assaf, Yossi Yovel, Liad Mudrik
20:10	Contending with unconscious phenomenality	Michal Polák
20:20	Draw the line - using temporal experience tracing to capturing subjective experience states	Barbara Jachs, Tristan Bekinschtein, Manuel Camino Garcia

Perceptual consciousness II

Moderator: Johannes Fahrenfort

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	Title	Authors
19:30	Attention modulates information format and information content of intracortical auditory predictions.	Tara Tahseen, Simon Houtman, Laura Imperatori, Alejandro Blenkmann, Robin Ince, Tristan Bekinschtein, Andres Canales-Johnson
19:40	Retro-perception at a cocktail party: can retrospective attention bring to consciousness words that were initially ignored during dichotic listening?	Axel Garnier-Allain, Daniel Pressnitzer, Claire Sergent
20:00	Maladaptive Perceptual Consciousness in Chronic Pain	Dr Vrinda M, Dr Geetha Desai, Dr Bindu M Kutty
20:10	Young children's subjective and objective thresholds of visual consciousness using a backward masking task	Ryoichi Watanabe, Yusuke Moriguchi
20:20	Perceptual awareness of optic flows paced optimally and non-optimally to walking speed	Paweł Motyka, Zuzanna Kozłowska, Piotr Litwin
20:30	Spatial orientation via geomagnetic sensory augmentation	Frank Schumann, Youssouf Ismail Cherifi, Jean-Baptiste de Saint Aubert, Bilel Abderrahmane Benziane, Denis Sheynikhovich, David Poirier-Quinot, Brian Katz, Angelo Arleo
20:40	How do the blind 'see'? The role of spontaneous brain activity in self-generated perception	Avital Hahamy, Meytal Wilf, Boris Rosin, Marlene Behrmann, Rafael Malach
20:50	Intracranial recordings reveal unique shape and timing of responses in human visual cortex during illusory visual events.	Maartje Cathelijne de Jong, Mariska Vansteensel, Raymond van Ee, Frans S. S. Leijten, Nick F. Ramsey, Chris Dijkerman, Serge O. Dumoulin, Tomas Knapen

Perceptual consciousness III

Moderator: David Carmel

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	Title	Authors
19:30	The minimal exposure duration required for neural processing of faces and emotional expressions	Renzo Lanfranco, Andrés Canales-Johnson, Axel Cleeremans, Hugh Rabagliati, David Carmel
19:40	Perceptual incoherence and causal bias of altered consciousness in Schizophrenia	Dr Arun Sasidharan, Dr Ravindra P. N., Dr Ramajayam G., Dr Bindu M. Kutty
19:50	On Intrinsically Valenced Perception	Hilla Jacobson
20:00	Expectation in Perception	Rebecca Keller
20:10	Functionalist and generalist approach to the sensory substitution devices (SSDs) design	Marta Łukowska, Michał Wierzchoń, Dominik Osiński, Weronika Kałwak
20:20	Discriminating states of consciousness with responses to natural auditory texture stimulation.	Urszula Górka, Andre Rupp, Yves Boubenec, Tansu Celikel, Bernhard Englitz
20:30	The Perceptual Quality and Performance Judgment Influence Visibility Ratings in a Continuous Colour Estimation Task	Zuzanna Skóra, Kinga Ciupińska, Simon Hviid Del Pin, Morten Overgaard, Michał Wierzchoń
20:40	Awareness is required for Autonomic Performance Monitoring in Instrumental Learning: Evidence from Cardiac Activity	Lina I. Skora, James J. A. Livermore, Federica Nisina, Ryan B. Scott
20:50	Investigating the shift between externally and internally oriented cognition with a novel task-switching paradigm.	Sara Calzolari, Andrew P. Bagshaw, Davinia Fernández-Espejo

Unconscious processing II

Moderator: Liad Mudrik

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	Title	Authors
19:30	Time Course of Conscious and Unconscious Semantic Processing	Nitzan Micher, Dominique Lamy, Maayan Avneon, Shai Fisher
19:40	Instrumental conditioning requires conscious awareness in humans	Lina Skora, Martin Yeomans, Hans Crombag, Ryan Scott
19:50	Nonconscious chaining of events to form holistic fear memories in the human brain	Aurelio Cortese, Ryu Ohata, Norimichi Kitagawa, Hiroshi Imamizu, Ai Koizumi
20:00	Can we solve arithmetic equations non-consciously? A pre-registered replication.	Surya Gayet, Myrthel Dogge, Marius V. Peelen
20:10	Scene-object processing with and without awareness	Inbal Gur Arie, Itai Linzen, Alyssa Truman, Liad Mudrik
20:20	Prior exposure to supportive contexts improves implicit learning of phrase structure grammars	Lu Zhao, Qingyun Zhang, Xiaoli Ling (the corresponding author)
20:30	Performance and the development of explicit knowledge in implicit sequence learning	Clarissa Lustig, Sarah Esser, Hilde Haider
20:40	Awareness is needed for scene-based contextual effects on perception of ambiguous objects	May Sar-Salom, Tzahi Kravitz, Dan Biderman, Liad Mudrik