

14:00PM-16:00PM	<div>Concurrent Session 1: State of Consciousness 1 (Fukutake Learning Theater)</div> <div><div><ul style="list-style-type: none">Ema Demšar, Mahdad Jafarzadeh Esfahani, Martin Dresler, Thomas Andriillon and Jennifer WindtHyunwoo Jang, George A. Mashour, Anthony G. Hudetz and Zirui HuangMikyung Choe, Seung-Hyun Jin and Chun Kee ChungPhilipp Thölke, Maxine Arcand-Lavigne, Tarek Lajnef, Sonia Frenette, Julie Carrier and Karim JerbiPilleriin Sikka, Harrison Chow, May Ching Ngo and Boris HeifetsSara Cavuoti-Cabanillas, Davide Orsenigo, Alessio Borriero, Marco Tamietto and Matteo DianoYun Zhao, Naotsugu Tsuchiya, Mario Boley, Yueyang Liu, Philippa J. Karoly, Andria Pelentritou, William Woods, David Liley and Levin KuhlmannZirui Huang, George A. Mashour and Anthony G. Hudetz</div><div><ul style="list-style-type: none">The micro-phenomenology of lucid insight: A study of signal-verified lucid dream experiencesMeasuring the dynamic balance of integration and segregation underlying conscious statesChanges in functional connectivity in the propofol-induced unconscious state using human intracranial electroencephalographyThis is your sleeping brain on Espresso: Rich, complex and criticalAnesthesia-induced dreaming; Frequency, content, and outcomesSuperior Colliculus and Consciousness: a Co-Activation Pattern StudyCortical correlates of global consciousnessUnveiling the Role of Thalamic Core-Matrix Functional Architecture in Loss of Consciousness</div></div>
14:00PM-16:00PM	<div>Concurrent Session 1: Time and Temporal Perception (Ito Hall, Ito International Research Center)</div> <div><div><ul style="list-style-type: none">Anand Prasad, Narayanan Srinivasan and Devpriya KumarFrancois R. Foerster and Axel CleeremansHanbei Zhou, Rui Zhe Goh, Chaz Firestone and Ian PhillipsJacob M. Paul, Evi Hendriks, Martijn van Ackooij, Nathan van der Stoep and Ben M. HarveyRamya Mudumba and Narayanan Srinivasan</div><div><ul style="list-style-type: none">Tracing the Footprints of Prior Events on Simultaneity PerceptionTemporal resolution of vision varies across the visual fieldEvent-Based Warping: An Illusory Distortion of Time Within EventsCortical representations of number and time are distinct yet overlappingAnticipatory context alters perceptual windows of integration</div></div> <div>Concurrent Session 1: Evolutionary Perspectives (Ito Hall, Ito International Research Center)</div> <div><div><ul style="list-style-type: none">Brandon TinklenbergDaichi G. SuzukiJessica A Lee and Christopher J Kymn</div><div><ul style="list-style-type: none">A Case for the Convergent Evolution of ConsciousnessStepwise evolution of subjectivityUnderstanding the Ecological Relevance of Human Tetrachromacy</div></div>
14:00PM-16:00PM	<div>Concurrent Session 1: Unconscious Processing (Gallery 1, Ito International Research Center)</div> <div><div><ul style="list-style-type: none">Adelina-Mihaela Halchin and Aline BompasDaryl Y. H. Lee, Christopher J. Berry and David R. ShanksEden Elbaz, Itay Yaron and Liad MudrikNicolás Sánchez-Fuenzalida, Simon van Gaal, Timo Stein and Johannes FahrenfortNitzan Micher, Diana Mazenko and Dominique LamyPietro Amerio and Axel CleeremansSimone Malejka, Miguel A. Vadillo, David R. Shanks and Zoltan Dienes</div><div><ul style="list-style-type: none">Putting subjective reports in context: a large-scale Bayesian re-analysis of the relationship between PAS and task performanceKelley’s Paradox and strength skewness in research on unconscious mental processesSearching for the Best Calibration Method: Estimating Subliminal Thresholds in Unconscious ProcessingIs feedforward processing truly unconscious?Unconscious perception exists: Objective measures of conscious perception are contaminated by unconscious perceptionUsing 2AFC tasks to measure awareness free of criterion bias.A simple Bayesian formula to correct regression to the mean in research on unconscious mental processes</div></div>
14:00PM-16:00PM	<div>Concurrent Session 1: Hallucination and Altered States (Seminar Room, Ito International Research Center)</div> <div><div><ul style="list-style-type: none">Aminata/ Bicego, Mélanie/ Louras, Clémence/ Toussaint, Caroline/ Quoilin, Olivia/ Gosseries and Audrey/ VanhaudenhuyseJakub Vohryzek, Morten Kringelbach, Gustavo Deco and Yonatan Sanz-PerlJonas MagoKeisuke Suzuki and Ayumi NagaiPascal Michael, Eirini Ketzidzidou, Julian Evans and Oliver RobinsonRomy Beauté, David Schwartzman, Trevor Hewitt, Adam Barrett, Jennifer Crook and Anil SethTimo Torsten Schmidt, Ioanna Alicia Amaya and Till NierhausVictor Oswald, Karim Jerbi, Aminata Bicego, Floriane Rousseaux, Marion Walter, Jitka Annen, Charlotte Martial, Audrey Vanhaudenhuyse and Olivia Gosseries</div><div><ul style="list-style-type: none">Unlocking the mind: comparing virtual reality hypnosis to hypnosis in eliciting dissociation – A non-inferiority investigation in healthy volunteersClassical serotonergic psychedelics induce changes to functional and structural brain hierarchiesJhana Meditation Alters Bayesian Priors and Perception: An Empirical EEG Neuroimaging StudyHallucination Machine in the Wild: Simulating Altered States of Consciousness with the Real-Time Deep-Dream Algorithm in Augmented RealityThe Widening Gyre: Challenging Existential and Ontological Psychedelic Experiences and their Neural CorrelatesAnalysing the phenomenology of stroboscopic hallucinations using natural language topic modellingThalamocortical interactions reflecting the intensity of flicker-induced visual hallucinationsSelf-induced cognitive trance is associated with changes in neural oscillations and brain complexity patterns</div></div>
14:00PM-16:00PM	<div>Concurrent Session 1: Body and Self 1 (Conference Room, Ito International Research Center)</div> <div><div><ul style="list-style-type: none">Caleb Liang, Wen-Hsiang Lin, Bo-Yu Chen, Jie-Rong Lin, Yen-Tung Lee, Sufen Chen, Keng-Hsien Liao and Wei-Kai LiouMariano D'Angelo, Renzo Lanfranco and H. Henrik EhrssonRenzo Lanfranco, Xiaole Luan, August Hägerdal, Sucharit Katyal and H. Henrik EhrssonValentina Bruno, Alice Rossi Sebastiano, Francesca Genovese, Silvia Trombetta, Cristina Marinaccio and Francesca Garbarini</div><div><ul style="list-style-type: none">Double Body Effect and the Proprioceptive-Vestibular Self in Virtual RealityAlpha oscillations bind visuo-tactile information to generate the sense of body ownership. Bodily self-awareness is sustained by continuous conscious access to multisensory signals:Converging evidence from computational models of signal detection, metacognition, and evidence accumulation.The bodily-self development: how early motor experiences shape multimodal representation of the bodily self in space</div></div> <div>Concurrent Session 1: AI and Consciousness 1 (Conference Room, Ito International Research Center)</div> <div><div><ul style="list-style-type: none">Ilya Horiguchi, Takahide Yoshida and Takashi IkegamiKingson Man, Ignacio Cea and Naoto YoshidaTakahide Yoshida, Atsushi Masumori and Takashi IkegamiTakayuki Nozawa</div><div><ul style="list-style-type: none">Strategic Norm Emergence in Large Language Model Agents: An Evolutionary Approach to Social Norm FormationEmergence of prosocial behavior in homeostatic reinforcement learning with vulnerable agentsFrom Text to Motion: Grounding GPT-4 in a Humanoid Robot "Alter3"Utility of large language models in characterizing creative communication dynamics</div></div>

17:00PM-19:00PM	<div><div>Concurrent Session 2: Metacognition 1 (Fukutake Learning Theater)</div><div><div><div><div><div></div><div>Diane Derrien, Clémentine Garric, Sylvie Chokron and Claire Sergeant</div></div><div><div></div><div>Dorian Goueytes, François Stockart, Lucien Gyger, Martin Rouy, Dominique Hoffmann, Lorella Minotti, Philippe Kahane, Alexis Robin, Barbora Urbancova, Robert Roman, Michael Pereira, Milan Brazdil and Nathan Faivre</div></div><div><div></div><div>Julian Matthews, Atsushi Kikumoto, Kentaro Miyamoto and Kazuhisa Shibata</div></div><div><div></div><div>Katarzyna Hat, Paola Galdi, Kristian Sandberg and Michał Wierzczoń</div></div><div><div></div><div>Luc Vermeylen, Tom Verguts, Tobias H. Donner and Kobe Desender</div></div><div><div></div><div>Ramla Msheik, François Stockart, Simon Kelly, Nathan Faivre and Michael Pereira</div></div><div><div></div><div>Shaida P. Abachi, Brian Maniscalco and Megan A.K. Peters</div></div><div><div></div><div>Vinay Mepani, Daniel Feuerriegel and Stefan Bode</div></div></div><div><div><div></div><div>The Blindsight Spectrum: evidence from behavioural and neurophysiological assessment of hemianopic patients</div></div><div><div></div><div>Evidence Accumulation as a support mechanism for the metacognition of perceptual decisions</div></div><div><div></div><div>Metacognition is mentally demanding: revealing the costs and consequences of metacognitive effort</div></div><div><div></div><div>Studying metacognitive abilities with functional networks - predictive coding on four sensory modalities.</div></div><div><div></div><div>Confidence-informed belief state informs decision policy.</div></div><div><div></div><div>Evidence accumulation explains the temporal dynamics of behavior and brain activity associated with perceptual experience</div></div><div><div></div><div>Decoding confidence from frontal regions to validate tuned inhibition as a model of perceptual metacognition</div></div><div><div></div><div>Perceptual changes of mind require overcoming the impact of the earliest available pre-decisional evidence</div></div></div></div></div></div>
17:00PM-19:00PM	<div><div>Concurrent Session 2: Perception 1 (Ito Hall, Ito International Research Center)</div><div><div><div><div><div></div><div>Andrea Pigorini, Maria Del Vecchio, Ezequiel P Mikulan, Flavia M Zauli, Davide Albertini, Piergiorgio d'Orio, Ivana M Sartori, Pietro Avanzini and Marcello Massimini</div></div><div><div></div><div>Anil Seth, Reny Baykova, David Schwartzman, Trevor Hewitt, James Alvarez, Jennifer Crook and Fiona Macpherson</div></div><div><div></div><div>David Alais, Jacob Coorey, Randolph Blake and Matthew Davidson</div></div><div><div></div><div>Masanori Murayama</div></div><div><div></div><div>Nadine Dijkstra, Peter Kok and Stephen Fleming</div></div><div><div></div><div>Narayanan Srinivasan and Ishan Singhal</div></div><div><div></div><div>Reese Kneeland, Ghislain St-Yves, Jesse Breedlove, Kendrick Kay and Thomas Naselaris</div></div><div><div></div><div>Sharif I. Kronemer, Burak Akin, Renzo Huber, Micah Holness, Javier Gonzalez-Castillo, Paul A. Taylor, A. Tyler Morgan, Victoria E. Gobo, Daniel A. Handwerker and Peter A. Bandettini</div></div></div><div><div><div></div><div>Intracortical correlates of simple conscious perception in humans</div></div><div><div></div><div>The Perception Census: A large-scale online study of perceptual diversity</div></div><div><div></div><div>Suppression from visual awareness is uniform regardless of image type in a new ‘tracking’ version of Continuous Flash Suppression</div></div><div><div></div><div>Elucidating the Mechanisms: A Top-Down Cortical Circuit for Somatosensory Perception</div></div><div><div></div><div>A neural basis for distinguishing reality from imagination</div></div><div><div></div><div>CFS as TMS: Phenomenologically distinct perturbations of visual content at different timescales</div></div><div><div></div><div>Harnessing AI to generate pictures of mental images from human brain activity</div></div><div><div></div><div>The central neural mechanisms of afterimage perception: A whole brain and cortical layer fMRI study</div></div></div></div></div></div>
17:00PM-19:00PM	<div><div>Concurrent Session 2: Psychedelics (Gallery 1, Ito International Research Center)</div><div><div><div><div><div></div><div>Jordan O'Byrne, Suresh Muthukumaraswamy and Karim Jerbi</div></div><div><div></div><div>Kenneth Shinozuka, Fernando Rosas, Joana Cabral, Pedro Mediano, Robin Carhart-Harris and Morten Kringelbach</div></div><div><div></div><div>Naji L.N. Alnagger, Paolo Cardone, Emilie Szymkowicz, Charlotte Martial, Yonatan Sanz Perl, Iván Mindlin, Jacobo D Sitt, Leor Roseman, Robin Carhart-Harris, David J Nutt, Pablo Mallaroni, Mason Natasha, Johannes G Ramaekers, Aurore Thibaut, Steven Laureys, Gustavo Deco, Olivia Gosseries, Jitka Annen and Pablo Núñez</div></div><div><div></div><div>Paweł Motyka, Michał Gacka and Paweł Orłowski</div></div></div><div><div><div></div><div>Critical energy landscapes: The spin glass as a model of psychedelic action</div></div><div><div></div><div>Quantifying emergence in brain activity under psychedelics</div></div><div><div></div><div>A perturbational whole brain modelling approach exploring the efficacy of psychedelic treatments in DoC patients.</div></div><div><div></div><div>Mapping the space of altered states of consciousness</div></div></div></div></div></div>
17:00PM-19:00PM	<div><div>Concurrent Session 2: Disorders of Consciousness 1 (Gallery 1, Ito International Research Center)</div><div><div><div><div><div></div><div>Dragana Manasova, Laouen Mayal Louan Belloli, Lina Willacker, Martin Rosenfelder, Emilia Flo Rama, Chiara Valota, Bertrand Hermann, Brigitte Charlotte Kaufmann, Alice Pirastru, Theresa Raiser, Chiara Camilla Derchi, Melanie Valente, Aude Sangare, Basak Turker, Nadya Pyatigorskaya, Esteban Munoz - Musat, Anira Escrichs, Tiziana Atzori, Francesca Baglio, Gustavo Deco, Yonathan Sanz-Perl, Enzo Tagliazucchi, Louis Puybasset, Noam Sobel, Benjamin Rohaut, Anat Arzi, Lionel Naccache, Mario Rosanova, Andreas Bender, Angela Comanducci and Jacobo Diego Sitt</div></div><div><div></div><div>Laouen M.L. Belloli, Rubén Herzog, Dragana Manasova, Melanie Valente, Lionel Naccache and Jacobo D. Sitt</div></div><div><div></div><div>Panagiotis Fotiadis, Pangyu Joo, George A. Mashour, Ben Julian A. Palanca, Christian S. Guay and UnCheol Lee</div></div><div><div></div><div>Rubén Herzog, Anis Aloulou, Flynn Crosbie, Damien Leger and Thomas Andrillon</div></div></div><div><div><div></div><div>Integrative Neuroimaging Approach in Assessing Disorders of Consciousness: A Multimodal Interpretable Machine Learning Study</div></div><div><div></div><div>Exploiting interactions between EEG markers of consciousness for patients with disorders of consciousness</div></div><div><div></div><div>In-phase and anti-phase acoustic stimulation alter arousal thresholds during dexmedetomidine sedation via distinct neural mechanisms</div></div><div><div></div><div>Sleeping unaware: sleep-intrusions at the core of sleep state misperception</div></div></div></div></div></div>
17:00PM-19:00PM	<div><div>Concurrent Session 2: Agent Theory (Seminar Room, Ito International Research Center)</div><div><div><div><div><div></div><div>Anne-Laure Rineau, Lionel Bringoux, Jean-Christophe Sarrazin and Bruno Berberian</div></div><div><div></div><div>Dvija Mehta</div></div><div><div></div><div>Holger Lyre</div></div><div><div></div><div>Martin Biehl</div></div></div><div><div><div></div><div>The role of agency in self-motion perception</div></div><div><div></div><div>Mental action, affordances, and attribution: the case of BCI technology</div></div><div><div></div><div>The Newman Problem of the Brain</div></div><div><div></div><div>Moore machines that maintain subjective points of view and can act in order to achieve goals</div></div></div></div></div></div>
17:00PM-19:00PM	<div><div>Concurrent Session 2: Self and self-consciousness (Seminar Room, Ito International Research Center)</div><div><div><div><div><div></div><div>Victoria Southgate</div></div><div><div></div><div>Dora Kampis and Elisa Wiedemann</div></div><div><div></div><div>Jared Medina</div></div></div><div><div><div></div><div>The role of developing self-awareness in early social cognition</div></div><div><div></div><div>Self-other alignment and cognitive self-awareness in infancy</div></div><div><div></div><div>Revising Models of Body Ownership: Evidence from the Mirror Box Illusion</div></div></div></div></div></div>
17:00PM-19:00PM	<div><div>Concurrent Session 2: Mentary Imagery (Conference Room, Ito International Research Center)</div><div><div><div><div><div></div><div>Emaad Razzak, Tengyu Song, Tim Mousseau and Alfredo Spagna</div></div><div><div></div><div>Ishan Singhal and Nisheeth Srivastava</div></div><div><div></div><div>Jianghao Liu, Laurent Cohen, Minye Zhan and Paolo Bartolomeo</div></div><div><div></div><div>Timo L. Kvamme, Massimo Lumaca, Blanka Zana, Dunja Paunovic, Juha Silvanto and Kristian Sandberg</div></div></div><div><div><div></div><div>Lower Confidence and Greater Pupil Size when both Visual Mental Imagery and Working Memory are required for Problem Solving</div></div><div><div></div><div>Temporal Structure of Mental Imagery</div></div><div><div></div><div>Opposite gradients of mental imagery and perception in human orbitofrontal and occipitotemporal cortex</div></div><div><div></div><div>Vividness of Visual Imagery Supported by Intrinsic Structural-Functional Brain Network Dynamics</div></div></div></div></div></div>
17:00PM-19:00PM	<div><div>Concurrent Session 2: Fluctuation of Consciousness (Conference Room, Ito International Research Center)</div><div><div><div><div><div></div><div>Aleksander Zębrowski, Katarzyna Paczos, Marcin Koculak, Kinga Ciupińska, Wiktoria Orłowska, Laura Łępa, Renate Rutiku, Justyna Hobot, Kristian Sandberg, Michał Wierzczoń and Michał Bola</div></div><div><div></div><div>Kieran O Lee, Esperanza Jubera-Garcia, Ian E Smith and Tristan A Bekinschtein</div></div><div><div></div><div>Paradeisios Alexandros Boulakis, Nicholas John Simos, Stefania Zoi, Christina Schmidt, Sepehr Mortaheb, Federico Raimondo and Athena Demertzi</div></div></div><div><div><div></div><div>Inter-individual variability in resting-state alpha-band activity predicts the TMS-measured phosphene threshold but not visual detection and identification capabilities</div></div><div><div></div><div>Self-evaluations of conscious state when driving are interrelated, but don,Ât correlate with objective performance data: interim analysis from the ODESA study</div></div><div><div></div><div>Variations of autonomic arousal mediate the reportability of mind-blanking occurrences.</div></div></div></div></div></div>

Thursday, July 4, 2024

14:00PM-15:30PM	<div>Concurrent Session 3: Theories of Consciousness 1 (Fukutake Learning Theater)</div> <div><div><ul style="list-style-type: none">Andrew W. Corcoran, Jakob Hohwy and Karl J. FristonDavid Rudrauf, Tonglin Yan, Nils Ruet, Kenneth Williford and Grégoire Sergeant-PerthuisKarina VoldRyota Takatsuki, Ippei Fujisawa and Ryota KanaiYoungzie Lee, Norie Kawamura, Naotsugu Tsuchiya and Martin M. MontiYusuke Hayashi</div><div><ul style="list-style-type: none">Towards an evidence-based consciousness scienceIntegrated Information Theory (IIT) with Simple MathsArtificial Intelligence and the dimensions of consciousnessQualia as Meta-Representations of ProcessesEmpirical Construction of the Topology of Broader QualiaBridging the free energy principle and integrated information theory</div></div>
14:00PM-15:30PM	<div>Concurrent Session 3: Perception 2 (Ito Hall, Ito International Research Center)</div> <div><div><ul style="list-style-type: none">Janis K Hesse, Frank Lanfranchi, Yuelin Shi and Doris Y TsaoMatthew J. Davidson, Gabriel Clouston, Frans A.J. Verstraten and David AlaisMax Levinson, Katharina Duecker, Alice E Waitt, Syanah C Wynn, Ole Jensen and Sylvain BailletRebekah Street, Olivia Carter, Jason Forte, Patrick Goodbourn and Rob HesterTorge Dellert, Francesca Incicco, Maximilian Bruchmann and Thomas StraubeYangjiayi Mu, Zhao Xu, Qingyang Liu, Qinhui Yao, Yanlin Fu and Yuwei Jiang</div><div><ul style="list-style-type: none">The role of recurrent feedback in conscious perceptionWalking in wireless virtual reality reveals rhythmic modulations of visual and auditory perception according to stride cycle phase.Perceptual filling-in from adaptation of inhibition in visual cortexSubjective sensory experience and objective perceptual processing: intersections and dissociations in consciousnessNeural correlates of gradual awareness in the absence of decision-makingWithin- And Cross-modality Cognitive Aggregation: subconscious cognitive processing of stimulus in unattended modality</div></div>
14:00PM-15:30PM	<div>Concurrent Session 3: State of Consciousness 2 (Gallery 1, Ito International Research Center)</div> <div><div><ul style="list-style-type: none">Benedetta Cecconi, Brady A Riedner, Richard Smith, Jitka Annen, Steven Laureys, Giulio Tononi, Benjamin Baird and Melanie BolyJoel I Berger, Rashmi N Mueller, Emily R Dappen, Hiroto Kawasaki, Kirill V Nourski and Matthew I BanksJuho Äijälä, Louis Roberts, Michael Jenssen, Kai, J. Miller, Dora Hermes, Robin, AA Ince, Max Garagnani and Andrés Canales-JohnsonKirill V. Nourski, Mitchell Steinschneder, Ariane E. Rhone, Rashmi N. Mueller, Hiroto Kawasaki and Matthew I. Banks</div><div><ul style="list-style-type: none">Changes in Cortical Effective Connectivity in Connected vs. Disconnected Consciousness During REM SleepHow does consciousness reboot? Tracking human single neuron activity during emergence from propofol anesthesiaLocal and inter-areal communication of prediction error information is selectively modulated by attention: a human ECoG studyModulation of auditory novelty processing by dexmedetomidine and natural sleep: A human intracranial electrophysiology study</div></div>
14:00PM-15:30PM	<div>Concurrent Session 3: Metaphysical Theories (Seminar Room, Ito International Research Center)</div> <div><div><ul style="list-style-type: none">Andrew Y. LeeCarolyn D JenningsIgnacio Cea, Niccolo Negro and Camilo Miguel SignorelliKatie CarpenterMichal PolákQiantong Wu</div><div><ul style="list-style-type: none">Subjectivity vs. Phenomenal CharacterCan Zombies Pay Attention?How to be an Integrated Information theorist without losing your bodyThe Self and The Synchronic Unity of ConsciousnessVividness as a content-invariant property of experienceHow does the enactivist view explain dreaming experiences?</div></div>
14:00PM-15:30PM	<div>Concurrent Session 3: Decision and Volition (Conference Room, Ito International Research Center)</div> <div><div><ul style="list-style-type: none">Adrien Kérébel and Jérôme SackurHidekazu Nagamura, Hirhoshi Ohnishi, Kohta I. Kobayasi and Shoko YukiKobe Desender, Pierre Le Denmat and Hélène Van MarckeLauren Fong, Daniel Feuerriegel, Robert Hester, Philip Smith and Stefan BodeRobin Vloeberghs, Anne E. Urai and Kobe DesenderVictoria E. Gobo, Javier Gonzalez-Castillo, Amaia Benitez, Peter A. Bandettini and Sharif I. Kronemer</div><div><ul style="list-style-type: none">When James meets Libet: thought transitions as the result of a mental urge to moveWhen prospective metacognition works better: Bet tells more than confidence ratingCommon neural choice signals reflect (error) evidence, not confidenceExploring the Temporal Dynamics of Voluntary Decision-Making across Stable and Dynamic ContextsSequential effects in decision making: the role of slow fluctuations in decision criterionLight-independent pupillary fluctuations predict sensory perceptual sensitivity, MEG, and whole brain fMRI signals</div></div>

Thursday, July 4, 2024

16:30PM-18:00PM	<div><div>Concurrent Session 4: Attention & Working Memory (Fukutake Learning Theater)</div><div><div><div><div>●</div><div>Amber R Hopkins, Josh A Cain, Elizabeth White, Stephanie Abakians and Martin M Monti</div></div><div><div>●</div><div>Julia Papiernik, Simon Hviid del Pin, Michał Wierzchoń and Renate Rutiku</div></div><div><div>●</div><div>Karen J. Tian, Brian Maniscalco, Michael Epstein, Angela Shen, Olenka Graham Castaneda, Giancarlo Arzu, Taiga Kurosawa, Jennifer Motzer, Emil Olsson, Lizbeth Romero, Emily Russell, Meghan Walsh, Juneau Wang, Tugral Bek Awrang Zeb, Richard Brown, Victor A.F. Lamme, Hakwan Lau, Biyu J. He, Jan W. Brascamp, Ned Block, David Chalmers, Megan A. K. Peters and Rachel N. Denison</div></div><div><div>●</div><div>Sophie Forster and Chris R. H. Brown</div></div><div><div>●</div><div>Yann Harel, Clara El Khantour, Arthur Dehgan, Antoine Bellemare-Pepin, Mathieu Landry and Karim Jerbi</div></div><div><div>●</div><div>Yaron Caspi, Dimitar Ivanov, Grace Hung, Yiling Tseng, Likai Huang, Tzu-Yu Hsu, Philip Tseng and Po-Jang (Brown) Hsieh</div></div></div><div><div><div>-</div><div>Transcranial ultrasound stimulation to central thalamus decreases arousal in healthy volunteers</div></div><div><div>-</div><div>Visual Working Memory Performance is Affected By Visual Field Asymmetries – Insights from Behavioral and MRI Analysis</div></div><div><div>-</div><div>Subjective inflation under inattention is robust across stimulus types and performance levels, for both threshold and suprathreshold stimuli</div></div><div><div>-</div><div>The Observant Attention Trait: Are some individuals more prone to noticing?</div></div><div><div>-</div><div>Waves of attention: Tracking the neural correlates of sustained attention with Magnetoencephalography</div></div><div><div>-</div><div>Gene-expression analysis of (un)conscious-related visual-attention experimental paradigms suggests unique biological pathway signatures for the different paradigms</div></div></div></div></div>
16:30PM-18:00PM	<div><div>Concurrent Session 4: AI and Consciousness 2 (Ito Hall, Ito International Research Center)</div><div><div><div>●</div><div>Iwan Williams</div></div><div><div>●</div><div>Joe Y. F. Lau</div></div><div><div>●</div><div>Medha Shekhar and Dobromir Rahnev</div></div><div><div>●</div><div>Nicolas Kuske and Rufin VanRullen</div></div><div><div>●</div><div>Rose E. Guingrich and Michael S. A. Graziano</div></div><div><div>●</div><div>Adam Safron and Zahra Sheikhbahae</div></div></div><div><div><div>-</div><div>Can structural correspondences ground representational content in Large Language Models?</div></div><div><div>-</div><div>Thoughts without sensory grounding: the argument from duplication</div></div><div><div>-</div><div>Human-like dissociations between confidence and accuracy in convolutional neural networks</div></div><div><div>-</div><div>Integrating Neuroscientific Theories of Consciousness with AI: Unveiling Sensorimotor Representations in Global Latent Workspaces</div></div><div><div>-</div><div>Now I see human, now I see chatbot: Linguistic and contextual cues used to evaluate the presence of mind</div></div><div><div>-</div><div>How consciousness-inspired architectures can address the hard problems of AI</div></div></div></div>
16:30PM-18:00PM	<div><div>Concurrent Session 4: Metacognition 2 (Gallery 1, Ito International Research Center)</div><div><div><div>●</div><div>Alan Voodla, Andero Uusberg and Kobe Desender</div></div><div><div>●</div><div>Astrid Emilie Lund Lund, Prof. Juliet Foster and Dr. Charlotte Russell</div></div><div><div>●</div><div>Casper Kerrén, Yiming Zhao and Benjamin J. Griffiths</div></div><div><div>●</div><div>Hélène Van Marcke, Senne Braem and Kobe Desender</div></div><div><div>●</div><div>Juan Castillo, Patricia Sieweyumptewa and Elizabeth A. Phelps</div></div><div><div>●</div><div>Pierre Le Denmat, Kobe Desender and Tom Verguts</div></div></div><div><div><div>-</div><div>Metacognitive confidence and affect - two sides of the same coin?</div></div><div><div>-</div><div>Differences in self-beliefs, and local and global metacognition across the lifespan</div></div><div><div>-</div><div>Metacognitive awareness of memory distortion during recall</div></div><div><div>-</div><div>Bidirectional interactions between local and global confidence explain the pervasive effect of confidence biases</div></div><div><div>-</div><div>Differential effects of negative valence and memory type on accuracy, confidence, and metacognitive efficiency</div></div><div><div>-</div><div>Learning how to compute confidence</div></div></div></div>
16:30PM-18:00PM	<div><div>Concurrent Session 4: Perception 3 (Seminar Room, Ito International Research Center)</div><div><div><div>●</div><div>Alessio Borriero, Davide Orsenigo, Hanna E. Willis, Holly Bridge, Gustavo Deco, Marco Tamietto and Matteo Diano</div></div><div><div>●</div><div>Myrto Dimakopoulou, Tommaso Ciorli, Maria Pyasik, Matteo Da Col, Carla Andriulli, Matteo Martini, Francesco Bevione, Francesca Boggio Bozzo, Giovanni Abbate Daga and Lorenzo Pia</div></div><div><div>●</div><div>Petra Vetter, Tiago Leren Mesquita and Stephanie Badde</div></div></div><div><div><div>-</div><div>Unconscious perception of visual stimuli: alteration of functional dynamics in blindsight patients</div></div><div><div>-</div><div>The full body illusion in Anorexia Nervosa: The effects of owning a different body on body image and conscious - unconscious visual processing of food</div></div><div><div>-</div><div>Executing actions guides the eyes towards body part images in the absence of visual awareness</div></div></div><div><div>Concurrent Session 4: Emerging Methods (Seminar Room, Ito International Research Center)</div><div><div><div>●</div><div>Hazel I. Jackson, Hyoungkyu Kim and UnCheol Lee</div></div><div><div>●</div><div>Borjan (Boki) Milinkovic, Lionel Barnett, Olivia Carter, Anil Seth and Thomas Andriillon</div></div><div><div>●</div><div>Shunsuke Kamiya, Jun Kitazono and Masafumi Oizumi</div></div></div><div><div><div>-</div><div>EEG Network Deviation from Criticality Differentiates Arousal Levels Across Anesthesia</div></div><div><div>-</div><div>Emergent higher-order interactions across global states of consciousness.</div></div><div><div>-</div><div>Koopman Operator Based Dynamical Similarity Analysis for Data-driven Quantification of Distance between Dynamics</div></div></div></div></div>
16:30PM-18:00PM	<div><div>Concurrent Session 4: Theories of Consciousness 2 (Conference Room, Ito International Research Center)</div><div><div><div>●</div><div>Andrew E. Budson, Brenna Hagan, Renee E. DeCaro, Meltem Karaca, Emily Waskow, Myna Chadalavada, Kristina Morreale and Katherine W. Turk</div></div><div><div>●</div><div>Claudia Passos Ferreria</div></div><div><div>●</div><div>Lukas Kob</div></div><div><div>●</div><div>Tobias Schlicht</div></div><div><div>●</div><div>Zhiguo Huang</div></div><div><div>●</div><div>Niccolo Negro and Liad Mudrik</div></div></div><div><div><div>-</div><div>Evaluating the Memory Theory of Consciousness</div></div><div><div>-</div><div>Three Potential Tests for Consciousness in Infants</div></div><div><div>-</div><div>On the possibilities of testing theories of consciousness regarding their predictions about the neural correlates of phenomenal structure</div></div><div><div>-</div><div>Don't be afraid of Transcendental Idealism! An epistemology for Predictive Processing</div></div><div><div>-</div><div>Expanding Sensorimotor Theories of Perceptual Consciousness with Action-Selection Capacities</div></div><div><div>-</div><div>The extrapolation problem for consciousness science: how can we infer consciousness in non-standard populations?</div></div></div></div>

14:00PM-16:00PM	<div><div>Concurrent Session 5: Disorders of Consciousness 2 (Fukutake Learning Theater)</div><div><div><div><div>• Andria Pelentritou, Christian Pfeiffer, Jacinthe Cataldi, Manuela Iten, Matthias Haenggi, Frederic Zubler, Sophie Schwartz and Marzia De Lucia</div><div>• Marie.M Vitello, Emma Remacle, Paolo Cardone, Amandine Regnier, Nicolas Lejeune, Olivia Gosseries, Jitka Annen, Didier Ledoux, Didier Martin, Steven Laureys and Aurore Thibaut</div><div>• Marina Trakas, Agustina Lo Celso and Cecilia Forcato</div><div>• Martin M Monti, Amber R Hopkins, Joshua Cain, Norman Spivak, Jeanette Gumarang, David Patterson, Emily R Rosario and Caroline Schnakers</div><div>• Michele Angelo Colombo, Jacopo Favaro, Ezequiel Mikulan, Andrea Pigorini, Flavia Maria Zauli, Ivana Sartori, Piergiorgio D'Orio, Laura Castana, Stefano Sartori, Irene Toldo, Simone Sarasso, Tim Bayne, Anil K Seth and Marcello Massimini</div><div>• Monica N. Toba, Melissa Zavaglia, Caroline Malherbe, Claus C. Hilgetag and Antoni Valero-Cabre</div><div>• Rong Mao, Matias Lorenzo Cavelli, Graham Findlay, Kort Driessen, Michael J Peterson, William Marshall, Giulio Tononi and Chiara Cirelli</div><div>• Urszula Górska-Klimowska, Maximilian Grobbelaar, Csaba Kozma, Marek Solvik, Tariq Alauddin, Isabelle Bednorski, Sean Prael, Javeria Azam, Elena Monai, Cameron Brace, Dillon Scott, Brinda Sevak, Giulio Tononi and Melanie Boly</div></div><div><div>- The human brain integrates heartbeat and auditory inputs upon regularity processing in wakefulness, sleep, and coma</div><div>- Consciousness improvements following vagal nerve stimulation in severe brain injuries: Preliminary results from a randomized controlled trial in the intensive care units.</div><div>- Targeted Dream Incubation of positive emotional content and EEG correlates of the dreaming mind: Preliminary findings.</div><div>- Good vibrations: thalamic sonication in chronic disorders of consciousness</div><div>- Hemispherotomy: cortical islands of deep sleep in awake humans</div><div>- The use of coalitional game theory to identify the brain correlates of visuo-spatial neglect sheds further light on the neural basis of conscious perception</div><div>- Behavioral and cortical arousal from sleep, muscimol-induced coma, and anesthesia by direct optogenetic stimulation of cortical neurons</div><div>- Characterizing epileptic auras with phenomenology and intracranial EEG.</div></div></div></div></div>
14:00PM-16:00PM	<div><div>Concurrent Session 5: Sense of Agency and Volition (Ito Hall, Ito International Research Center)</div><div><div><div>• Bartosz Majchrowicz, Marcin Bukowski, Wiktor Soral, Jakub Michalik and Michael Inzlicht</div><div>• Henry Railo, Matleena Halla and Elli Peromaa</div><div>• Joachim Nicolodi</div><div>• Marine Pagliari, Valerian Chambon, Marin Le Guillou and Bruno Berberian</div><div>• Paulius Rimkevicius</div><div>• Ryu Ohata, Soichi Yokoyama, Yuri Sekine and Hiroshi Imamizu</div><div>• Yosuke Suzuishi, Acer Chang, Souta Hidaka and Wen Wen</div></div><div><div>- (Un)controllability and perception of task difficulty differently shape the implicit sense of agency</div><div>- Voices from within: Conditioning-induced perception of errors in one,Åôs own vocalization</div><div>- The Readiness Potential Revisited</div><div>- Sense of agency during Human AI collaboration: the role of explanation</div><div>- Re-engineering the concept of decision for the neuroscience of volition</div><div>- Physical presence of listeners enhances the sense of agency over speech</div><div>- Fast sensory attenuation and slow sensory enhancement: A study on self-generated tactile stimuli using the SSSEP.</div></div></div></div>
14:00PM-16:00PM	<div><div>Concurrent Session 5: Neural Correlates (Gallery 1, Ito International Research Center)</div><div><div><div>• Catriona A Osborn Moar and Dominique Makowski</div><div>• Christopher J. Whyte, Brandon R. Munn, Eli J. Muller and James M. Shine</div><div>• James M. Shine</div><div>• Jason Samaha, Elise Turkovich, Soorya Sankaran and Wei Dou</div><div>• Julie Boyer, Nathan Beraud, Benoit Beranger, Alizée Lopez-Persem and Claire Sergent</div><div>• MichaÅ WierchoÅ</div><div>• Robert Chis-Ciure, Javier Gomez-Pillar, Lucia Melloni and Georg Northoff</div><div>• Yinzhu Yang</div></div><div><div>- Behavioural and Neural Correlates of Visual Illusion Sensitivity</div><div>- A Burst-dependent Thalamocortical Model of Perceptual Awareness and Rivalry</div><div>- The central role of the thalamus in the state, content and character of consciousness</div><div>- Non-conscious multi-sensory integration in the ventriloquist effect</div><div>- Functional MRI investigation of the brain networks subtending task-related versus task-free conscious auditory perception</div><div>- Hierarchical theories and the quest for the elusive correlate of consciousness</div><div>- Systematically comparing theories of consciousness,Åia primer and example: Neural EEG dynamics</div><div>- discriminates between the Global Neuronal Workspace, Integrated Information Theory, and the Temporospatial Theory of Consciousness</div><div>- Can Neuroscience help us determine the boundary between conscious and unconscious processing?</div></div></div></div>
14:00PM-16:00PM	<div><div>Concurrent Session 5: Body and Self 2 (Seminar Room, Ito International Research Center)</div><div><div><div>• Isaac R. Christian, Samuel A. Nastase, Mindy Yu and Michael S.A. Graziano</div><div>• Katarina Begus and Cécile Gal</div><div>• Peter Lush, Anil Seth and Zoltan Dienes</div><div>• Rebecca Boehme</div></div><div><div>- Examining Hierarchical Neural Representations when Forming Mental Models of Self and Other Agents</div><div>- Investigating the relationship between metacognition and emerging self-awareness</div><div>- Reversing the rubber hand illusion with phenomenological control</div><div>- Investigating the bodily self: a study on ketamine and self-other-distinction</div></div></div><div><div>Concurrent Session 5: Social Perception (Seminar Room, Ito International Research Center)</div><div><div><div>• Christian Renet and Arvid Guterstam</div><div>• Lucas Battich, Elisabeth Pacherie and Julie Grèzes</div><div>• Patrick Falk, Martha Paskin, Mikael Lundqvist, Mats Lekander, Ole Petter Ottersen and Arvid Guterstam</div></div><div><div>- Encoding others' attention as implied motion: Disentangling attention-motion and action expectation effects</div><div>- Social perspective-taking influences on metacognition</div><div>- Social perception of other people's covert attention</div></div></div></div></div>
14:00PM-16:00PM	<div><div>Concurrent Session 5: Emotion (Conference Room, Ito International Research Center)</div><div><div><div>• Claudio Agnorelli, Alessandra Cinti, Giovanni Barillà, Joseph Peill, Gabriela Sawicka, Kirran Ahmad, Simone Rossi, David Nutt, David Erritzoe and Andrea Fagiolini</div><div>• Georgia J Mason and Elizabeth S Paul</div><div>• Inès Mentec, Ivan Ivanchei and Axel Cleeremans</div><div>• Maria-Chiara Villa, Matteo Diano, Davide Orsenigo, Laura Carelli, Alessia Celeghin, Maria Luisa Rusconi, Patrizia Gindri, Marco Tamietto and Giuliano Carlo Geminiani</div><div>• Taiki Oka, Akihiro Sasaki, Nao Kobayashi and Aurelio Cortese</div><div>• Vanessa Hadid, Annalisa Pascarella, Tarek Lajnef, Myriam Sahraoui, O,ÅByrne Jordan, Dang Khoa Nguyen, Franco Lepore and Karim Jerbi</div></div><div><div>- The neurophenomenology of ketamine: a multimodal approach for a multifaced compound.</div><div>- Tell me what you feel: The use of altered states as discriminative stimuli may indicate conscious awareness in animals</div><div>- Exploring the Role of Valence in Conscious Perception: Insights from Similarity Judgments and Deep Learning Models</div><div>- Threat from faces and bodies differentially modulates awareness in prominent near and far neglect patients</div><div>- Decoding approach-avoidance state from endogenous activity in emotion-processing brain regions</div><div>- Beyond Sight: Probing the Neural Signature of Affective Blindsight with MEG</div></div></div></div>