

Concurrent Sessions TSC2023

Tuesday 23			
C1: Ontology of Consciousness <div>13 Marco Schrode Four valued logic of consciousness</div> <div>114 Peter Buitrag Definitively nonreductive physicalism: May awareness be 'bracketed consciousness' and why or why not?</div> <div>142 Michaela Zaifon-Goldstein The Nature of Consciousness</div> <div>245 Lironna W'Angela On the Non-Sensory Nature of Valued Experience</div> <div>271 Jakub Mithals Phenomenally Modified Subjectivity and the Experiential Multiplication Problem</div>	C2: Epistemology <div>201 Anton Kromtoren How Qualitative Services for the Existence of Phenomenal Consciousness</div> <div>308 Rex Wulken Joint Attention, Extended Attention, Joint Extended Attention, and Joint Extended Consciousness</div> <div>401 Alberto Bertoni A Phenomenal Character-Based Account of the Ontology of Unity of Consciousness</div> <div>421 Andrea Valentini On the possibility of a strong emergentist account of consciousness</div> <div>451 Elisabetta Sacchi Perceptual Content, Phenomenal Character, and Extension</div>	C3: Machine Consciousness <div>312 Aljo Jose G. Sison Towards a criterion for assessing conscious processing in AI systems</div> <div>327 Jasper Tugner Unity of our Awareness of Being in the World: Can Self-Awareness in AI be a Survival?</div> <div>345 Iris Dvorki The View from Outside the Matrix: Dual Philosophy of Mind and Cognitive Science with Virtual Worlds</div> <div>381 Giuliano Narvesoni Prospects for Integration as a Solution to the Combination Problem</div> <div>391 Luis Marín Mind as a process of conscious and unconscious mental contents</div>	C4: Neuroscience <div>409 Robert Pappert Consciousness as a product of energy transfer in complex material systems</div> <div>503 Sushanta Paul A Theoretical Study of the Role of the Oscillator Coupled Neurons in Consciousness</div> <div>549 Marlene Wilton Spontaneous Nuclear-cable Reversals are not that Spontaneous - An EEG Study</div> <div>603 Melia Roscoe A graph model of sound encoding in the ear</div> <div>611 Jesús Martín-Fernández Anode neurostimulation for brain tumors to protect patients: Do linguistics share the same brain region?</div>
C5: CoanScience & Psychology <div>372 Beverly Zabacka The Dreams of Scientists</div> <div>386 Kaitlyn Sans Assessing 'Deep' Attention: Their Owner: SMI: Face Interactions with Neurological Data</div> <div>440 Ellen Joss English and implicit measures of temporal order judgments in schizophrenia and bipolar disorders</div> <div>450 Dorothea O. Gossel The Unity of Consciousness and the Subject of Experience</div> <div>534 Angèle Gossel Report from a Thematic literature</div>	C6: Physical Science & Biology: Quantum <div>14 Catalina Otero Carrascosa Testing Quantum Mechanics Underground and measurements of Biophotons from Combining existing methods</div> <div>71 Rogier Oudekerk "The Midas Touch from the Quantum: Quantum NP", Computational Time Witness, "Turing NP" Concept</div> <div>321 Matti Pitkanen Comparison of Orch-OR hypothesis with the TGD point of view</div> <div>331 Abraham Kaplan A Field-Theoretical Model of Brain Dynamics Reveals the Mechanism Underlying Macroscopic Quantum Coherence and its Significance for the Formation of Conscious States</div> <div>276 Betsy Adams Nuclear spin-quantum coherence and entanglement in the brain</div>	C7: Quantum Approaches <div>129 Daniel Sheehan Beyond Turing: Testing for AI Sentience via Perceptual</div> <div>58 Seungwon Ahn Study on a Topological Quantum Computation Model for the Orch-OR Theory</div> <div>247 Wolfgang Teichner A Concept of Intentionality Based on Complexity Science</div> <div>412 Alessandro Chiodini Liquid intelligence: advancements across the synthetic domain</div> <div>393 Aris Skourou Proposing a solution to hard problems by extending Gifford's approach</div>	C8: Culture & Humanities <div>206 Tobi Zauerer Archetypal Symbolism and Altered States of Consciousness in Poetry</div> <div>47 Mette Wang The value of literature in the age of neuroscience</div> <div>463 Harold Walcott In Praise of Death - A Critique of the Transhumanist Program of the Acceleration of Death</div> <div>527 Verónica Amador AI/Consciousness - Insights from a Technology Assessment Perspective</div> <div>54 Koushy Barua A Phenomenologically Informed New Ethic of Engineering and Technology: Implications of other-than-human consciousness</div>
Wednesday 24			
C9: Philosophy <div>94 Craig Delancey Kolmogorov Complexity and Consciousness</div> <div>148 Ron Christy Physical consciousness and meta-knowledge: Why Mary knows what she knows and when she knows the black and white room</div> <div>180 Aron Beardsin Methodological Reduction About Qualia</div> <div>202 Davide Bortolotti Self-Representationalism, Indecision, and Mental Representation</div> <div>218 Bradford Sudd Dancing Qualia Revisited</div>	C10: Perception <div>387 Alex Moran Visual Illusion and Objective Limits</div> <div>414 Daniel Kim Nihilism, Realism, and Emergentist Theory: A New Response to the Problem of Perceptual Presence</div> <div>278 Kranti Saran Agrippa's Gettier's Fallacy</div> <div>308 Joseph Neuhoff Memory experience, metamemory feelings, and the decline of consciousness</div> <div>346 James Pannapoyy Mapping to Music: A Phenomenological for Sentience and Understanding in Large Language Models</div>	C11: Panpsychism <div>71 David Butler To Be is To Be Conscious</div> <div>347 Pawan Pytkowski Active Information, neural processes and conscious experience</div> <div>318 Andrew Bailey A New Generalist Panpsychism</div> <div>344 Robert Van Gulik The "Combination Problem": physicalism, integration theories of consciousness and virtual reality</div> <div>413 Alan Fournier Humanity's Transformation from Industrial to Neurological Selves</div>	C12: NCC <div>509 Giovanni Mancano Bridging consciousness: the role of canonical signaling in incidental learning and reality testing</div> <div>511 James Pappert The Neuroscience of Consciousness</div> <div>527 Daniel Montoya What is it Like To Be A Brain? Implications of Biology for the Nature of Consciousness and AI</div> <div>216 Adam Elton Purposeful induced consciousness destabilizes neural dynamics across scales</div> <div>237 Paradisina Boudreau Large-scale cortical desynchronization precedes episodes of mind wandering during resting meditation</div>
C13: Neuroscience <div>232 Richard Silverstein Brain Functional Connectivity Correlates of Attentional Interactions Between Separately Isolated Hemispheric Tunes</div> <div>264 Ramona Torregrosa The effects of associative learning on neuronal activity and functional connections in the conscious mouse brain: mediating the relationship</div> <div>287 Alessandro Scagnone Investigating the neuroanatomy of intentionality in terms of attractor networks</div> <div>289 Alessandro Scagnone Social Interaction Enhances Intra-Brain Synchrony</div> <div>306 Hans Ulfersén On the Evolution of Intentional Complexity</div>	C14: CogScience & Psychology <div>158 Marjorie Vermeire Consciousness as Self-Regulated Inner Speech: Theory of Mind, and Self-Awareness</div> <div>159 Delphine de Boer Making 'inner' of agency the bodily self have time and space</div> <div>167 Nadia Ischenko Validity and Reliability of Inner Speech, Theory of Mind, and Self-Awareness Questionnaires</div> <div>222 Desirée Aronson Exploring the clinical utility of choice blindness: Generalization of effects and necessity of deception</div> <div>307 Fernando Rodríguez Frame by frame? A minimal time consciousness model</div>	C15: Physical Science & Biology <div>64 Akihiro Nishiyama Non-equilibrium Quantum Field Theory in a Holographic Perspective Towards Manipulating Holograms in Quantum Brain Phenomena</div> <div>401 J. Bruno Delafraite The electromagnetic field (EMF) of the heart of consciousness: experimental evidence</div> <div>261 Aliakbar Kouchakzadeh Perception of Time's Passage in Quantum Mechanics</div> <div>177 Martin Timmer Experimental/Computational Model of Language (CML) Neural Clock Systems, the Definition of Words and the Philosophical Implications to One That Affects From Simulation</div> <div>223 Vasilissa Baites Non-local correlation deviations of randomness as traces of local consciousness state changes</div>	C16: Art & Virtuality <div>82 Valentinia Cordella A disorienting maze: zombies and philosophy</div> <div>120 Ansh Chaturvedi Reconsidering the "Memory Argument" for Reductive Awareness</div> <div>298 Shantanu Mishra Are real and virtual experiences indistinguishable? Disembodied brains in a vast extended brain</div> <div>147 Dennis Doyle Consciousness and Cognition, Embodiment and Virtual Reality</div> <div>311 Bruno Nani Science School "Consciousness and Cognition" as an integrated multidisciplinary approach of the University of Pisa between Western and Eastern traditions</div>
Thursday 25			
C17: Perception <div>31 Anand Valthee A Theory of Perception and Illusion in Relation to the Subjective Experience</div> <div>225 Claudia Pavoni What is the current processing of reality: predict about infant consciousness?</div> <div>401 Geoffrey Lee The Methodological Puzzle and the Prospects for a Theory of Consciousness</div> <div>326 Harrison Choi Attention and the Spatial Phenomenology of Auditory Experience</div> <div>409 Alessandro Mancano Perceptual experience and its objects</div>	C18: Representational Issues <div>95 Benjamin Miller Intentionality: Recognizing All the Faces of the Self</div> <div>344 Leo Lapina Meditations on Gender Identity</div> <div>171 Brandt van der Gaast Phenomenal States, Acting Representations, and Home's Missing Shades of Blue</div> <div>382 Jason Ford Visual Sense Synthesis and Representationalism</div> <div>248 Bar Luzzo Representations in the presentation</div>	C19: Machine Consciousness <div>431 Meeraa Kataria A Platform for Experimental Validation of Various Hypotheses on Consciousness and Machine Intelligence</div> <div>344 Vasilis Vasilakis Artificial consciousness and ethics in social, collaborative robots: a discussion on realistic scenarios and FAIRAI model description</div> <div>382 Arda Elcinoglu Toward robust machine consciousness?</div> <div>78 Danny Mizruchi A Test for AI Consciousness</div> <div>388 Caroline Proffion Will Quantum Computing Enable Strong Artificial Intelligence?</div>	C20: The Hard Problem <div>382 Hans Ruit Interpreting the Mind: Outlining an Integrated Phenomenal Model for the Study of Human Consciousness</div> <div>395 William Orgeri Feasibility of Artificial Consciousness: A Discussion on the Hard and Harder Problems</div> <div>314 Javier Galadí Identity across the life span and consciousness</div> <div>282 Tobias Schlicht Predictive Processing and Consciousness</div> <div>316 Aydin Datta The Trouble with Consciousness as a Mental State</div>
C21: NCC <div>209 Samuel Rasche Neural activity patterns underlying the awareness of visual motion</div> <div>268 Eloni Kroug The Effect of DMAT on EEG Complexity and Mutual Information Connectivity</div> <div>276 Amel Serikovich Graph Neural Network for the two-dimensional characterization of consciousness</div> <div>405 Andrea Lavazza Human consciousness, from neurobiology to consciousness studies</div> <div>312 Jonathan Edwards The Case for Neuronal Correlates of Experience</div>	C22: CogScience & Psychology <div>208 Robert Fuchs Harmonic Intelligibility with the Phenomenal Experience and a Cognitive, Self-Regulated system for conscious processing for the reality beyond</div> <div>402 Maria Raffa Bayesian Networks for Artificial Consciousness</div> <div>72 Andrew Budson Consciousness as a Memory System</div> <div>213 Ken Magill Consciousness as collective intelligence of neurons</div> <div>240 Caroline Maria Otero The Honeycomb Model is not an Illusion</div>	C23: Physical Science & Biology <div>109 Chris Fields From fundamental symmetries to neural cognition</div> <div>161 Grigor Mikheev Structural and Functional Perturbations of Microtubules in Consciousness and Machine Intelligence</div> <div>224 Kirill Kuznetsov Microtubules are involved in rapid responses to anesthetics</div> <div>95 Ulfar Arnt "Universality in a Battle": Consciousness in Space vs. Consciousness in Space, From de Sitter to LePore</div> <div>268 Malcolm Lewis The Linguistic Roots of Consciousness</div>	C24: The Concept of Consciousness <div>148 Justin O'Keefe The Indeterminacy of Consciousness</div> <div>255 Geoffrey Cragg The problematic of the "zero" and the criteria of intelligibility in the case of consciousness</div> <div>304 Daniela Farnet Consciousness as Metaknowledge - towards an account based on pattern encoding and information compression</div> <div>349 Albert Nemes The ALABM theory of consciousness: a two-level theory of phenomenal consciousness</div> <div>321 Krzysztof Dolega Phenomenal properties are virtual properties</div>
Friday 26			
C25: Monism <div>335 Garrett Mithal Information, Consciousness, and Digital Reality</div> <div>413 Ralph Wen Substance Dualism and the Meta-Problem of Consciousness</div> <div>56 Brian Archibald Mental Monism and the Combination Problem of Consciousness</div> <div>476 Maria Santucci Perceptual Neural Modulation</div> <div>310 Michael Silverstein Neutral Monism: A New Foundation for the New Integrated Science of Consciousness</div>	C26: Philosophy of Consciousness <div>409 Myrto Myrtilopoulos Higher Order Approaches to Consciousness and the Dimensions of Consciousness</div> <div>395 Anna Giustina Inter-Subjective Theories of Consciousness</div> <div>309 Isak Korneliev The "Zero" is not Different from "One"</div> <div>309 Ronen Ye Theoretical Consciousness in the Comparative Study of Consciousness</div> <div>309 Diana P. Gilard Argumentation: HMI and EEG Evidence for the When and Where of Visual Consciousness: Does it Support the Multiple Drafts Model?</div>	C27: Psychodelics <div>174 Maria Paula Dynamical Brain States Underlying Ketamine Dissociation</div> <div>311 Zeina Tigras Tripping in Extended Reality: Psychodelics Use of the Future</div> <div>436 Valeria Passoni Psychodelics research as a data-intensive science</div> <div>449 Giuseppe Vitalito Non-linear Dynamics and Chaotic Trajectories in Brain Model: What Experiences during Dreams, Meditation, and Non-Ordinary Brain Activity States</div> <div>313 Nir Tadmor Phenomenology of psychodelic integration</div>	C28: Phenomenological Approaches <div>304 Jessica Bickel The objective and the subjective: A Heideggerian Take on the Epistemic Gap and the Terms of Applying Phenomenology to the Natural Scientific Setting</div> <div>318 Burton Why a Science of Consciousness is Essential for the Next Developmental Stage of Science</div> <div>218 Matthew Williams Executive Cognition as Foundation for an Anti-Individualist Epistemology</div> <div>220 Andrei Murticaru Prospects of the Psychological Approach to Personal Identity in the Context of Moral Responsibility</div> <div>90 Brad Caldwell Ring of Fire: How the Brain Makes Consciousness</div>
C29: Neuroscience <div>396 Irene Rembado Perturbing the Brain to Measure Distinct Conscious States and Core Cortical/Thalamic Causal Interactions</div> <div>430 Michael Ward Neuroethical Implications of Focused Attention for Neurophenomenological Ethics</div> <div>311 Ellen L. Chertoff From Phenomenology to Neurophenomenology: A Playful Examination of the Confluence of Agency, Identity, and Sentience</div> <div>310 Jonathan Schacter Hierarchical Consciousness: The Neural Observer Window (NOW) Model</div> <div>208 Thomas Brady Phenomenal, Physical, world and Clock-OR Quantum Collapse Models in the context of Property, Qualia, Actual Theory</div>	C30: CogScience & Psychology <div>238 Benjamin Lachryl Developing an affordable system to investigate human perception in the hands in the field in real time</div> <div>171 Junichi Takami Self-Aware Robots and Free Will</div> <div>309 Andreas Christopoulos The role of simulations in Cognitive Science</div> <div>270 Stefan Schulz The Neurophenomenology of Volition: Revisiting the Libet Task with Free Personhood</div> <div>129 Larry Fort Embodied Perceptual Modulation: How Interoception and Executive Function Affect Perceptual Performance</div>	C31: CogScience & Psychology <div>224 Anthony Lambert Incidence of anomalies and epistemic, and associations of sensory imagery with measures of personality and well-being in a large New Zealand sample</div> <div>226 Zolt Szepesdy Auditory Imagery and the Phenomenological Loop</div> <div>249 Anshu Maheshwari Visual Imagery can influence visual perception - a new experimental paradigm to measure imagination</div> <div>411 Major Gutman Human, Dream, and Machine: How computational models enhance our understanding of dreams</div> <div>314 Greg O'Leary-Turnip Associations of Visual and Auditory Imagery With Occupational Choice</div>	C32: Epistemology of Consciousness <div>100 Neumann Tombroni Walter on Quantum Field Connecting Micro and Macro World</div> <div>152 Anselm Kuehler Anomalous and Emergence of Consciousness</div> <div>400 Alessia Fides Cognitive Language Models: Lessons from Animal Studies</div> <div>242 Peter Paulsen Sensory representations, perceptual reality modelling, and the status of higher-order theories of consciousness</div> <div>100 Petter Johansson Using Magic to Study the Impact of Future Neuroscience</div>
Saturday 27			
C33: Free Will <div>18 Andrei Lefebvre Free Will and the Evolution of Consciousness: A Bayesian Thought Experiment</div> <div>61 John Callender At Free Will and Moral Value</div> <div>65 Peter Ellis Free Will: a novel metaphysical position that is consistent both with Neuroscience and with contemporary physics</div> <div>309 Steven Goetsch Free Will and Determinism: A Neurophenomenological Analysis</div> <div>175 Sandeep Gupta Free Will & Consciousness</div>	C34: Phenomenology <div>11 Nevenst Chiriac Executive vs. Self-Perception: A Thought Experiment using Magic Leap Reality</div> <div>69 Emma Topfow Does Memory represent reality? (Theoretical)</div> <div>24 Andrea Pace Giannotti Naturalizing Phenomenal Intentionality</div> <div>260 Daniel Vinger Structuralist representationalism about phenomenal consciousness</div> <div>276 Giacomo De Luca Continuity of consciousness and deep sleep awareness in epileptic brain</div>	C35: Mental Causation <div>178 Anna Bello The Impact of Libet's Mind-Time Theory of Consciousness on Causal Law</div> <div>233 Yair Pinto The algorithmic design of the mind</div> <div>349 Elena Draghici-Vasilescu Some differences concerning the notion of Free will</div> <div>293 Karina Vold Assembling the dimensions of consciousness</div> <div>383 Jethro Bergman Free Will Agency: Towards a Phenomenology of Mental Representation</div>	C36: Neuroscience <div>207 Prisca Bauer "All of a sudden I saw myself" - a neurophenomenological analysis of out of body experiences and epilepsy</div> <div>284 Kathleen P. Pat What Types of Messages do People Perceive from the Dispersed? A Qualitative Study on the Nature of After-Death Communication</div> <div>311 Jonathan Dismore Let There Be Light: A Meta-Analysis Investigation of Mystical/Luminosity Experience</div> <div>243 Victoria Duda Reconciling the Free Will Hypothesis</div> <div>309 Sergio Promisio Behavioral and neural evidence of subclinical medullary integration challenges the prevailing theories of consciousness</div>
C37: CogScience & Psychology <div>273 Konstantin Anshin Consciousness as a global perturbation in the neural hierarchy</div> <div>62 Joshua Cain Enhancing the Meditative Experience with Ultrasonic Neurostimulation</div> <div>233 Luca Uboldini Self-boundarylessness in the brain</div> <div>410 Rosalind Laura Gossel An approach to the Freedom Unconscious by a logical model of quantum unity</div> <div>88 Cecily Whitely Natural kinds of Sleep Experience</div>	C38: Body and Consciousness <div>119 Nancy Wolff Quantum mind theory reveals what needs to be fixed in AI/robotics: the problem of entanglement</div> <div>215 Rui Costa Visual sense, absorption, and altered states of consciousness</div> <div>364 Tania Re Italian Phenomena: a new challenge to study consciousness</div> <div>324 Roger Russell Movement-Sense: Consciousness and Meaning</div> <div>276 Alina Stănescu On the relevance of alpha rhythms modulation to the generation of readiness potential</div>	C39: Evolution & Cognition <div>67 John Sanfey The new paradigm: the key that unlocks</div> <div>83 Allan Corbitt The Evolutionary Account of Consciousness</div> <div>79 Ngila Perlestein Consciousness influences epigenetics</div> <div>86 James Rutherford A Multidimensional Understanding of Human Nature and Consciousness</div> <div>412 Brian Lord Using Transcranial Focused Ultrasound to Alter Default Mode Network and Subjective Experience</div>	C40: Art & Consciousness <div>281 Miles A. Smith Theatre of Consciousness: Lecture performance on mental imagery (self-organizing performance)</div> <div>475 Hilda Seng Transmission of awakening and 12 levels of well-being</div> <div>231 Nick Day Open Year Eye: Psychodelics, Cinema and Consciousness</div> <div>102 Adriana Mitrache Exploring the ordinary states of consciousness with Artificial Movement: Applications for psychotherapy, creativity, and personal transformation</div> <div>463 Andrii Delyuk Visionary Art as Evolving Consciousness</div>