

Tuesday 23

C1	Ontology of consciousness
13	Marius Schmike Four-valued logic of consciousness
114	Peter Boffus Deflationary nonreductive physicalism. May awareness be 'structure consciousness', and may AI have it?
142	Michela Zadra-Goldman The Nature of Consciousness
245	Lorena D'Angelo On the Non-Sensory Nature of Valent Experience
271	Jakub Mihalik Phenomenally Manifest Subjectivity and the Experiential Multiplication Problem

C1

301	Anton Kuznetsov	How Illusionism Serves for the Existence of Phenomenal Consciousness
308	Rex Welshon	Joint Attention, Extended Attention, Joint Extended Attention, and Joint Extended Consciousness
401	Alberto Barbieri	A Phenomenal Character-Based Account of the Phenomenal Unity of Consciousness
423	Andrea Velardi	On the possibility of a strong emergentist account of consciousness
399	Elisabetta Sacchi	Perceptual Content, Phenomenal Character, and Externalism

C1

322	Anja Lueje	Towards a criterion for assessing conscious processing in IA systems
325	Jesper Tegner	Unity of our Awareness of Being in the World compels Subjective Agency a Will to Survive
345	Iris Oved	The View from Outside the Matrix: Doing Philosophy of Mind and Cognitive Science with Virtual Worlds
181	Giuliano Sterrantino	Prospects for Integration as a Solution to the Combination Problem
30	Luis Mazas	Mind as a processor of conscious and unconscious mental contents

C1

408	Robert Pepperell	Consciousness as a product of energy transfer in complex material systems
103	Sulamita Frohlich	A Theoretical Study of the Role of the Oculomotor Cranial Nerves in Consciousness
149	Mareike Wilson	Spontaneous Neckar-cube Reversals are not that Spontaneous – An EEG Study
303	Melía Bonomo	A graph model of sound encoding in the ear
91	Jesús Martín-Fernández	Awake neurosurgery for brain tumors in polyglot patients: Do languages share

C1

372	Beverley Zabrickie	The Dreams of Scientists
166	Kaitlynn Sims	Assessing Dogs' Attention to Their Owner: Self-Face Interactions with Household Dogs
440	Ellen Joos	Explicit and implicit measures of temporal order judgments in Schizophrenia and Bipolar Disorders
426	Donnchadh O Conaill	The Unity of Consciousness and the Subject of Experiences
334	Angelo Geminani	Report from a Tibetan monastery

C1

14	Catalina Oana Curceanu	Testing Quantum Mechanics Underground and measurements of Biophotons from Germinating seeds in laboratory
7	Bogdan Orăutheor	"The Minkowski's like from the Penrose quantum bit: Continuation of John Wheeler's "It from Bit" concept.
32	Matia Păkšien	Comparison of Orch-OR hypothesis with the TGD point of view
130	Joachim Kappeler	A Field-Theoretical Model of Brain Dynamics Reveals the Mechanism Underlying Macroscopic Quantum Coherence and Its Significance for the Formation of Conscious States
256	Betony Adams	Nuclear spin quibits: quantum coherence and entanglement in the brain

C1

120	Daniel Sheehan	Beyond Turing: Testing for AI Sentience via Precognition
98	Byung-Soo Choi	Study on a Topological Quantum Computation Model for the Orch OR Theory
247	Wolfgang Tschache	A Concept of Intentionality Based on Complexity Science
452	Alessandro Chioles	Liquid Intelligence: advancements across the synthetic domain
365	Arik Shimansky	Proposing a solution to the hard problem by extending Sarfatti's PQM approach

C1

136	Tobi Zauser	Archetypal Symbolism and Altered States of Consciousness in Prehistory
47	Matteo Heng	The value of literature in the age of neurocentrism
403	Harald Walach	In Praise of Death – A Critique of the Transhumanist Program of the Abolition of Death
327	Karsten Wendland	AI Consciousness - Insights from a Technology Assessment Perspective.
16	Rosalyn Berne	A Phenomenologically Informed New Ethics of Engineering and Technology: Implications of other-than-human consciousness

Wednesday 24

C2	Philosophy
94	Craig Delancey Kolmogorov Complexity and Consciousness
418	Ron Chrisley Physical omniscience and meta-knowledge: Why Mary learns what it is like to see red when she leaves the black and white room
190	Artem Besedim Methodological Illusionism About Qualia
202	Davide Bordini Self-Representationism, Intimacy, and Mental Representation
213	Bradford Saad Daring Qualia Revisited

C2

387	Alex Moran	Visual Illusion and Objective Looks
413	Daniel Kim	Naïve Realism and Sensorimotor Theory: A New Response to the Problem of Perceptual Presence
278	Kranti Saran	Against GOTHic Hallucination
198	Joseph Neisser	Memory experience, metamemory feelings, and the doctrine of concordance
346	James Pustejovsky	Meaning to Mean: A Precondition for Sentience and Understanding in Large Language Models

C11

71	David Bulles	To Be Is To Be Conscious
477	Pavvo Pylikäinen	Active information, neural processes and conscious experience
318	Andrew Bailey	A New (Jamesian) Panpsychism
348	Robert Van Gulick	The "Combination Problem", physicalism, integration theories of consciousness and virtual selves.
433	Abre Fournier	Humanity's Transformation from Industrial to Nonsoberic Selves

C12

109	Giovanni Marsicano	Bricks of consciousness: the role of cannabinoid signaling in incidental learning and reality testing
151	James Pagel	The Neuroelectric Fields of Consciousness
165	Daniel Montoya	What Is It Like To Be A Brain Organoid? Implications of Biological Neural Networks for Consciousness and AI
216	Adam Elson	Propofol-induced unconsciousness destabilizes neural dynamics across cortex
237	Paradelios Boulakis	Large-scale cortical deactivations precede episodes of mind-blanking during ongoing meditation

C13

232	Richard Silberstein	Brain Functional Connectivity Correlates of Anomalous Interaction Between Separately Isolated Monozygotic Twins.
264	Ksenia Toropova	The effects of associative learning on neuronal activity and functional connectivity in the conscious mouse brain resting state networks
287	Azadeh Hassannejad Nazir	Investigating the neurodynamics of intentionality in terms of attractor networks
289	Alessandro Scaglione	Social Interaction Enhances Inter-Brain Synchrony
306	Hans Lijferst�rm	On the Evolution of Intentional Complexity

C14

158	Makayla Vermette	Connections between Self-Reported Inner Speech, Theory-of-Mind, and Self-Awareness
159	Debbie du Boir	Making "sense" of agency: the bodily self has a time and place
167	Nadia Kolenkova	Validity and Reliability of Inner Speech, Theory-of-Mind, and Self-Awareness Questionnaires
222	Despina Arntie	Exploring the clinical utility of choice blindness: Generalization of effects and necessity of deception
307	Fernando Rodriguez	Frame by frame? A minimal time consciousness model.

C15

64	Akihiro Nishiyama	Non-equilibrium Quantum Field Theory in a Hierarchy: Towards Manipulating Holograms in Quantum Brain Dynamics
462	J. Bruno Debrulle	Electromagnetic field (EMFs) theories of consciousness: experimental evidence.
263	Alakbar Kouchakzadeh	Perception of Time's Passage in Quantum Consciousness Theories
177	Martin Timms	Experimental Geometrical Musical Language (GML) Nested Clock Universes, the Definition of Bindu and the Philosophical Similarities to One That Arises From Simulation
227	Vasilios Basios	Non-local correlation deviations of randomness as traces of critical consciousness-state changes.

C16

82	Valentina Cardella	A disquieting muse: zombies and philosophy
231	Nick Day	Open Your Eye: Psychedelics, Cinema and Consciousness
298	Vahid Eshamsan Mofrad	Are real and virtual experiences indistinguishable? Disembodied brain in a vat vs embodied brain in a world
147	Denise Doyle	Consciousness and Cognition, Embodiment and Virtual Reality
331	Bruno Neri	Summer School "Consciousness and Cognition": an integrated multidisciplinary approach of the University of Pisa between Western and Eastern traditions

Concurrent Sessions TSC2023

Thursday 25

C3	Perception
3	Anand Valyaia Nyaya on Perception and Illusion in Relation to the Debate over Disjunctivism
225	Charles Passos What do recurrent processing theories predict about infant consciousness?
451	Geoffrey Lee The Methodological Puzzle and the Prospects for a Theory of Consciousness
326	Heeyoon Choi Attention and the Spatial Phenomenology of Auditory Experience
398	Aleksandra Mroczko-Wacowicz Perceptual experience and its objects

C3

95	Benjamin White	Intrasubjectivity: Recognizing All the Faces of the Self
344	Leo Lapiano	Meditations on Gender Identity
172	Brandt van der Gaast	Phenomenal States, Analog Representation, and Hume's Missing Shade of Blue
182	Jason Ford	Visual Snow Syndrome and Representationalism
214	Bar Luzon	Representation is Re-presentation

C17

435	Masataka Watanabe	A Platform for Experimental Validation of Various Hypotheses on Consciousness and Seamless Mind-Uploading
144	Ignazio Infantino	Artificial consciousness and ethics in social, collaborative robots: a discussion on realistic scenarios and PEACE model description.
302	Aida Elamrani	To what extent can machines be conscious?
78	Danny McAnran	A Test for AI Consciousness
158	Caroline Prodhon	Will Quantum Computing Enable Strong Artificial Intelligence?

C20

162	Hans Rull	Interpreting the Mind: Outlining an Integrated Hermeneutic Model for the Study of Human Consciousness.
195	Mehmet Doğan	Possibility of Artificial Consciousness: A Discussion on the Hard and Hardest Problems
234	Javier Galadí	Identity across the life span and consciousness
305	Jeff Sugar	Putting the Subject back into Consciousness and Mental Health
316	Ryder Dain	The Trouble with Consciousness as a Mental State

C11

239	Samuel Rasche	Neural activity patterns underlying the awareness of visual motion
268	Eleni Kroupi	The Effect of DMT on EEG Complexity and Mutual Information Connectivity
276	Aureli Sorja-Frisch	Graph Neural Network for the two-dimensional characterization of consciousness
405	Andrea Lavazza	Human brain organoids, a new frontier in consciousness studies
132	Jonathan Edwards	The Case for Neuronal Conscious Experience

C22

208	Robert Fuchs	Harmonic holography with the Pseudomorph poly-time crystal: A linguistic 128-bit post-quantum error correction code for the reality hologram
402	Maria Raffa	Bayesian Networks for Artificial Consciousness
72	Andrew Budson	Consciousness as a Memory System
219	Ken Magi	Consciousness as collective intelligence of neurons
240	Carolina Maria Oletto	The Honeycomb illusion is not an illusion

C23

108	Chris Fields	From fundamental symmetries to basal cognition
161	Greger Hammarin	Structural and Functional Perturbations of Microtubules by Electromagnetic Fields
228	Rajesh Khanna	Microtubules are involved in plant responses to anesthetics
55	Uziel Awret	"Universe in a Bottle" - Consciousness in Space vs. Consciousness as Space, From de Sitter to Levinas.
269	Malcolm Lowe	The Linguistic Roots of Consciousness

C24

148	Justin D'Ambrosio	The Indeterminacy of Consciousness
255	Gergely Cséppány	The problematic of the "new" and the criteria of scientificity in the area of consciousness
304	Daniele Fanelli	Consciousness as Metaknowledge - towards an account based on pattern encoding and information compression.
349	Albert Newen	The ALARM theory of consciousness: a two level theory of phenomenal consciousness
321	Krzysztof Dolega	Phenomenal properties are virtual properties

Friday 26

C31	Monism
333	Garrett Mindt Information, Consciousness, and Digital Reality
453	Ralph Weir Substance Dualism and the Meta-Problem of Consciousness
56	Brian Archibald Modal Monism and the Combination Problem of Consciousness
476	Marta Sancedo Perspectives Neutral Monism
359	Michael Silberstein Neutral Monism: A New Foundation for the New Integrated Science of Consciousness

C31

282	Tobias Schlitt	Predictive Processing and Consciousness
409	Myrto Mylopoulos	Higher-Order Approaches to Consciousness and the Dilemma of Demandiness
356	Anna Giustina	Inner Acquaintance Theories of Consciousness
360	Lukasz kurowski	The "real" is not different from "hard"
385	Renee Ye	Theoretical Commitment in the Comparative Study of Consciousness

C32

174	Marco Fabus	Dynamical Brain States Underlying Ketamine Dissociation
311	Zeus Tipado	Tripping in Extended Reality: Psychedelic Use of the Future
436	Valerio Pascucci	Psychodelics research as a data-intensive science
445	Giuseppe Vitiello	Non-linear Dynamics and Chaotic Trajectories in Brain-Mind Visual Experiences during Dreams, Meditation, and Non-Ordinary Brain Activity States
313	Nir Tadmor	Phenomenology of psychedelic integration

C31

394	Jessica Bicking	The objective and the subjective: A Husserlian Take on the Explanatory Gap and the Terms of applying Phenomenology in a Natural Scientific Setting
138	Burton Voorhees	Why a Science of Consciousness is Essential for the Next Developmental Stage of Science
218	Matthew Williams	Enactive Cognition as Foundation for an Anti-Individualist Epistemology
230	Andrei Mertsalov	Prospects of the Psychological Approach to Personal Identity in the Context of Moral Responsibility
90	Brad Caldwell	Rings of Fire: How the Brain Makes Consciousness

C31

135	Irene Rembado	Perturbing the Brain to Measure Distinct Conscious States and Track Cortico-Thalamic Causal Interactions
439	Mitchell Head	Neuroethical Implications of Focused Ultrasound for Neuropsychiatric Illness
353	Elan L Ohayon	From Homeostasis to Homeodynamics: A Playful Examination of the Confluence of Agency, Identity and Sentience
338	Jonathan Schooler	Hierarchical Consciousness: The Nested Observer Windows (NOW) Model
220	Thomas Brophy	Penrose's Platonic world and Orch OR Quantum Collapse Models in the context of Property Dualism Actual

C31

236	Remigiusz Lecybyl	Developing an affordable system to investigate human pain perception in the hundred millisecond time scale
171	Junichi Takano	Self-Aware Robots and Free Will
300	Andreas Chatzopoulos	The role of simulations in Cognitive Science
270	Stefan Schmidt	The Neuropsychology of Volition: Revisiting the Libet Task with First-Person Methods
152	Larry Fort	Embodied Perceptual Moderation: How Interoceptive and Exteroceptive Engagement Affect Perceptual

C31

224	Anthony Lambert	Incidence of anauralia and aphantasia, and associations of sensory imagery with measures of personality and well-being in a large New Zealand sample.
226	Zsó Szélp	Auditory Imagery and the Phonological Loop
249	Azadeh Moshdehfarahbakhsh	Visual imagination can influence visual perception – a new experimental paradigm to measure imagination
441	Maja Gutman Mushk	Humans, Dreams, and Machines: How computational models enhance our understanding of dreams
314	Gáge Quigley-Tump	Associations of Visual and Auditory Imagery With Occupational Choice

C31

500	Roumiana Tsankova	Water as Quantum Field Connecting Micro and Macro World
152	Amal Alachkar	Aromaticity and Emergence of Consciousness
420	Alessio Piebe	Conscious Language Models: Lessons from Animal Studies
242	Peter Fazekas	Sensory representations, perceptual reality monitoring, and the status of higher-order theories of consciousness
160	Petter Johansson	Using Magic to Study the Impact of Future Neurotechnology

Saturday 27

C31	Free Will
58	André LeBaron Free Will and the Evolution of Consciousness: A Jamesian Thought Experiment
61	John Callender Art, Free Will and Moral Value
65	Peter Ellis Pan-idealism: a novel metaphysical position that is consistent both with libertarian free will and contemporary physics
89	Steven Gouveia Free Will and Determinism: A Neurophilosophical Analysis
175	Sandeep Gupta Free Will & Consciousness

C31

11	Naaveen Chopra	Enactive vs Zen Perception: A Thought Experiment using Muller Lyer Illusion
246	Eugeny Loginov	Does Moorean argument refute Illusionism?
254	Andrea Pace Giannotta	Naturalizing Phenomenal Intentionality
260	Daniel Weger	Structuralist representationalism about phenomenal consciousness
272	Giuseppe De Luca	Continuity of consciousness and deep sleep awareness in Upanishadic texts

C31

176	Ana Brito	The Impact of Libet's Mind-Time Theory of Consciousness on Criminal Law
235	Yair Pinto	The algorithm dodging paradox
248	Dr. Elena Draghici-Vasilescu	Some dilemmas concerning the notion of Free will
293	Karina Vold	Augmenting the dimensions of consciousness
383	Joshua Bergamin	Free (?) Agency : Towards a Phenomenology of Musical

C31

207	Prisca Bauer	"All of a sudden I see myself" – a microphenomenological analysis of out of body experiences in epilepsy"
284	Kathleen Pall	What Types of Messages do People Perceive from the Departed? A Qualitative Study on the Nature of After-Death Communication
312	Jonathan Dinsmore	Let There Be Light: A Mixed Methods Investigation of Mystical Luminosity Experience
243	Viktoria Duda	Reincarnation and the Simulation Hypothesis
359	Sergio Frumento	Behavioral and neural evidences of subliminal multisensory integration challenge the prevailing theories of

C31

273	Konstantin Anokhin	Consciousness as a global percolation in the neural hypernetwork
62	Joshua Cain	Enhancing the Meditative Experience with Ultrasound Neurostimulation
233	Lena Lindström	Self-boundariness in the brain
419	Rosapia Lauro Grotto	An approach to the Freudian Unconscious by a logical model of quantum spins
88	Cecily Whiteley	Natural Kinds of Sleep Experience

C31

119	Nancy Woolf	Quantum mind theory reveals what needs to be fixed in Alzheimer's disease: the protein of entanglement
215	Rui Costa	Visual snow, absorption, and altered states of consciousness
364	Tania Re	Italian Psychobee: a new challenge to study consciousness
324	Roger Russell	Moveo Ergo Sum: Consciousness and Moving
279	Alina Studenova	On the relevance of alpha-rhythm modulation to the generation of

C31

67	John Sanley	The new paradox: the key that unlocks
83	Allan Combs	The Evolutionary Ascent of Consciousness
75	Ingrid Fredriksson	Consciousness influences epigenetics
86	James Rutherford	A Multidimensional Understanding of Human Nature and Consciousness
442	Brian Lord	Using Transcranial Focused Ultrasound to Alter Default Mode Network and Subjective Experience

C31

281	Milda Al-Samrah	Threat of the "structure": performance on mental imagery in self-organizing performances
475	Hide Saegusa	Transmission of awakening and 11 levels of well being
150	Amit Chaturvedi	Reconsidering the "Memory Argument" for Reflexive Awareness
102	Adrianna Mendrick	Exploring non-ordinary states of consciousness with Authentic Movement: Applications for psychotherapy, creativity, and personal transformation