

Concurrent Sessions TSC2023

Tuesday 22			
C1 Ontology of Consciousness	C2 Epistemology	C3 Machine Consciousness	C4 Neuroscience
13 Marcus Schirake Four varied tights of consciousness	121 Anton Komarov How Reduction Serves for the Existence of Phenomenal Consciousness	312 Arjo Loebe Towards a criterion for assessing conscious processing in AI-systems	409 Robert Pappaselli Consciousness as a product of energy transfer in complex material systems
14 Peter Ruffert Cerebellary nonconscious physicalism: May experience be 'involved consciousness' and why not?	308 Rex Watson Joint Attention, Extended Attention, Joint Extended Attention, and Joint Extended Consciousness	323 Jasper Tager Unity of our Assessment of Being in the World compared Subjective Agency & Will to Survive	103 Yulia Kuzmina A Theoretical Study of the Role of the Cerebellum in Cerebral Nervous Consciousness
142 Mikaela Zador-Gilbert The Nature of Consciousness	401 Alberto Barbalet A Phenomenal Character-Based Account of the Ontology of Experience of Consciousness	345 Yixi Drost The View from Outside the Matrix: Daring Philosophy of Mind and Cognitive Science with Virtual Worlds	140 Marlene Wilson Spontaneous Neocortical Rhythms are not that Spontaneous - An EEG Study
245 Lorenza Di Nanno On the Non-Sensory Nature of Valued Experience	423 Andrea Valentini On the possibility of a strong emergentist account of consciousness	181 Giuliano Narvesino Prospects for Integration as a Solution to the Consciousness Problem	303 Melia Brenner A graph model of sound encoding in the ear
271 Jakob Mikellil Phenomenally Modified Subjectivity and the Experiential Multiplication Problem	339 Elizabeth Sechi Perceptual Content, Phenomenal Character, and Externalism	303 Luis Marro Mind as a measure of conscious and unconscious mental contents	91 Ivailo Martin Fernandez Anale memory for brain tumors in epileptic patients: Do language share the same brain regions?
C5 CogScience & Psychology	C6 Physical Science & Biology: Quantum	C7 Quantum Approaches	C8 Culture & Humanities
372 Beverly Zabacki The Dweaves of Scientism	14 Catalina Damsa Testing Quantum Mechanics Ontology and measurements of Biophotons from Combustion seeds in laboratory	129 Daniel Scheibler Beyond Turing: Testing for AI Sentience via Perceptual	101 Tobi Zanker Archetype Symbolism and Altered States of Consciousness in Psychotherapy
106 Kathryn Sims Assessing 'Days' of Attention: Their Owner: 360° Face Interactions with Household Dogs	7 Rogien Oribinsky "The Mindworld is from the Person question M?", Computational Logic Whether "Within M?" Concept	98 Seungyeon Ahn Study on a Topological Quantum Computation Model for the Qubit-QR Theory	47 Metin Nang The value of literature in the age of neuroscience
440 Elias Joss English and implicit measures of temporal order judgments in dichotic words and syllable clusters	32 Metti Proulx Comparison of On-Off hypothesis with the TGD point-of-view	247 Wolfgang Tschacher A Concept of Intentionality Based on Complexity Science	403 Harold Wilkins In Praise of Death: A Critique of the Transhumanist Program of the Abolition of Death
440 Doronah O Connell The Unity of Consciousness and the Subject of Experience	130 Jacobin Kappeler A Field-Theoretical Model of Brain Dynamics Reveals the Mechanism Underlying Macroscopic Quantum Coherence and its Significance for the Formation of Conscious States	452 Alessandro Cristofari Liquid Intelligence: advancements across the synthetic domain	127 Yoram Weizman AI Consciousness: Insights from a Technology Assessment Perspective
334 Angelo Gennepet Report from a Theismomontary	263 Betsy Adams Nuclear spin-quantum coherence and entanglement in the brain	303 Aris Stenemund Proposing a solution to the hard problem by extending Gärdenfors' RPI approach	14 Bradley Stone A Phenomenologically Informed New Ethics of Engineering and Technology: Implications of other than human consciousness

Wednesday 23			
C9 Philosophy	C10 Perception	C11 Pempsyichism	C12 NCC
94 Craig Delancey Reductive Complexity and Consciousness	387 Alan Moran Visual Illusion and Objective Looks	71 David Bulles To Be is To Be Conscious	109 Giovanni Mancusone Bricks of consciousness: the role of causal field signaling in isolated learning and early testing
413 Ron Christy Physical omniscience and infinite knowledge: Why Mary learns what it is like to see red when she leaves the black and white room	413 Daniel Kim Multi-Bias and Computational Theory: A New Response to the Problem of Perceptual Presence	477 Panna Pukharian Active Information, neural processes and conscious experience	151 James Pagel The Neuroelectric Fields of Consciousness
190 Artem Bravdin Methodological Illusion: About Quails	7 Kivert Saran Against GDT's Hallucination	314 Andrew Bailey A New (Classical) Panpsychism	105 Daniel Montoya What It Is Like To Be A Brain: Opened? Implications of Biology/Neural Networks for Consciousness and AI
240 Davide Basso Self-Representational, Inference, and Mental Representation	198 Joseph Nussbaum Memory, experience, metamemory feelings, and the doctrine of consciousness	10 Robert Van Gulick The "Combination Problem": physicalism, integration theories of consciousness and virtual reality	115 Adam Cross Potentially Induced consciousness destabilizes neural dynamics across cortex
223 Bradford Sord Dances Quails Revivited	346 James Poirierjony Missing to Me: A Precondition for Sentience and Understanding in Large Language Models	413 Alex Forrester Humanity's Transformation from Industrial to Neurogenic Selves	217 Paradisus Insulatus Large-scale cortical deactivations precede episodes of mind blanking during ongoing meditation
C13 Neuroscience	C14 CogScience & Psychology	C15 Physical Science & Biology	C16 Art & Virtuality
232 Richard Silbertson Brain Functional Connectivity Consistent of Attentional Interaction Between Specially Isolated Monogenic Trains	138 Mahayla Verma Connection between Self-Reported Inner Speech, Theory of Mind, and Self-Awareness	64 Abhiva Mathuram New equilibrium Quantum Field Theory in a Hierarchy: Towards Manipulating Holograms in Quantum Brains	82 Valentina Cardella A disjunctive music, cognition and philosophy
245 Kamila Tomazova Theoretical of association learning in neuronal activity and functional connections in the conscious state: a brain state state analysis	138 Delicia de Bree Making 'sense' of agency: the body self has a free and active	402 J. Bruce DeBorja Electromagnetic Field (EMF) Effects of Electromagnetic Fields on Quantum Systems	120 Amit Chakrabarti Reconsidering the "Memory Argument" for Reductionism
287 Anand Hameedhetti Nati Investigating the neurodynamics of intentionality in terms of attractor networks	137 Nadia Kolencova Validity and Reliability of Inner Speech, Theory of Mind, and Self-Awareness Questionnaires	201 Alabbaz Kouchakzadeh Perception of Time's Passage in Quantum Consciousness Theories	399 Francesco Mithelad Any real and virtual experiences indistinguishable? Disembodied brains in a vat or embodied brains
289 Alessandro Scaglione Social Interaction Enhances Inter-Brain Synchrony	222 Despina Armitia Exploring the clinical utility of choice blindness: Generalization of effects and necessity of deception	177 Martin Truesdell Neural Clock Synchrony, the Definition of Brains and the Philosophical Significance to One That Arises From Simulation	147 Dennis Dwyer Consciousness and Cognition: Embodiment and Virtual Reality
308 Hans Ullrichson On the Evolution of Intentional Complexity	307 Fernando Rodriguez From 'free will' to 'mindful' time consciousness model	227 Valentin Baskies Non-local correlation deviations of consciousness as traces of critical of consciousness state changes	111 Bruno Nati Summer School "Consciousness and Cognition": an integrated multidisciplinary approach at the University of Pisa between Western and Eastern traditions

Thursday 25			
C17 Perception	C18 Representational Issues	C19 Machine Consciousness	C20 The Hard Problem
1 Anand Vaidya Why is Perception and Illusion in Relation to the Debate over Disjunctivism	95 Bergetina Wainwright Intendendiplicity: Recognizing All the Faces of the Self	413 Masataka Watanabe A Platform for Experimental Validation of Various Hypotheses on Consciousness and Sensory-Motor Uploading	102 Hans Ruhn Interpreting the Mind: Challenging an Integrated Hierarchical Model for the Study of Human Consciousness
225 Claudia Passos What is the recent processing of theories predict about infant consciousness?	344 Leo Legrande Meditations on Gender Identity	141 Yvonne Infante Artificial consciousness and affect in social collaborative robotic systems: a multi-sensory scenario and PACE model description	195 Matthias Dwyer Possibility of Artificial Consciousness: A Discussion on the Hard and Soft Problem
411 Geoffrey Lee The Philosophical Puzzle and the Prospects for a Theory of Consciousness	189 Brandt van der Meer Phenomenal States, Acting Representation, and Hans's Missing Shade of Blue	302 Akira Elamami To what extent can machines be conscious?	234 Javier Galadí Identity across the brain spans and consciousness
326 Hengyan Chai Attention and the Spatial Phenomenology of Auditory Experience	182 Jason Ford Visual/Sound Syndromes and Representationalism	78 Danny Mohan A Test for AI Consciousness	101 Jeff Sager Pulling the Subject back into Consciousness and Mental Health
358 Aleksandra Musiol-Wozniak Perceptual experience and its objects	24 Bar Lucien Representation in the presentation	189 Caroline Probston Will Quantum Computing Enable Strong Artificial Intelligence?	110 Ryder Dain The Trouble with Consciousness as a Mental State
C21 NCC	C22 CogScience & Psychology	C23 Physical Science & Biology	C24 The Concept of Consciousness
240 Samuel Rachele Neural activity patterns underlying the awareness of visual stimuli	128 Robert Sachs Haptic technology with the Phenomenon poly-line crystals: A Regulator, 2D-3D input operators were considered for the reality Illusion	109 Chris Fields From fundamental symmetries to social cognition	148 Justin D'Ambrosio The Indeterminacy of Consciousness
288 Hedi Knapf The Effect of DMF on EEG Complexity and Mutual Information Connectivity	402 Maria Raffa Bayesian Networks for Artificial Consciousness	161 Greger Hornstein Structural and Functional Perturbations of Microtubules by Electromagnetic Field	205 Gregory Catiparty The problem of the "two" and the criteria of scientificity in the area of consciousness
276 Aureli Sorio-Fruch Graph Neural Network for the two-dimensional characterization of consciousness	72 Andrew Budson Consciousness as a Memory System	224 Reginald Marano Microtubules are involved in plant responses to anaesthetics	304 Daniela Farnet Consciousness as a Metaphysical "horizon" as a concept based on pattern encoding and information compression
405 Andrea Leanza Human consciousness, new frontier in consciousness studies	239 Ken Magill Consciousness as collective intelligence of neurons	55 Udo Aarset "Consciousness in a Bottle" - Consciousness in Space vs. Consciousness in Space: From de Bitter to Leibniz	149 Albert Nussbaum The ALM theory of consciousness: a two-level theory of phenomenal consciousness
132 Jonathan Edwards The Case for Neural Conscious Experience	240 Carolina Maria Ochoa The Haptic touch Illusion is not as Illusion	209 Malcolm Lowrie The Unlikely Roots of Consciousness	121 Brynne Dwyer Phenomenal properties are virtual properties

Friday 26			
C25 Monism	C26 Philosophy of Consciousness	C27 Psychodelics	C28 Phenomenological Approaches
331 Garrett Mink Information, Consciousness, and Digital Reality	282 Tobias Schlichte Predictive Processing and Consciousness	174 Marco Falco Dynamical Brain States Underlying Ketamine Dissociation	304 Jessica Bruck The subjective and the objective: A Heuristic Take on the Epistemic Gap and the Terms of applying Phenomenology to Natural Scientific Testing
413 Ralph Wei Substantive Dualism and the Mind-Problem of Consciousness	401 Myrta Myrton Higher-Order Approximation to Consciousness and the Differences of Demarcation	311 Zeno Tzavara Tripping in Extended Reality: Psychodelic Use of the Future	118 Bartlomiej Wroblewski Why a Science of Consciousness is Essential for the Next Developmental Stages of Science
56 Brian Archibald Modal Monism and the Combination Problem of Consciousness	305 Anna Girolina Inner Acquisition Theories of Consciousness	416 Valerio Pascucci Psychodelics research as a data-intensive science	121 Matthew Williams Executive Cognition as Foundation for an Anti-Individualist Epistemology
476 Maria Santoro Perspectives Neural Monism	101 Lukasz Jurkowski The "True" is not different from "hard"	481 Giuseppe Viscusi Non-Neural Dynamics and Causal Tricognition in Brain-Mind/Visual Experiences during Dreams, Meditation, and Non-Ordinary Brain Activity States	230 Andrei Ionescu Prospects of the Psychological Approach to Personal Identity in the Context of Free Responsibility
198 Michael Silbertson Neural Monism: A New Foundation for the New Integrated Science of Consciousness	85 Renee Ye Theoretical Commitment in the Comparative Study of Consciousness	312 No Faderon Phenomenology of psychodelic integration	99 Brad Caldwell Ring of Fire: How the Brain Makes Consciousness
C29 Neuroscience	C30 CogScience & Psychology	C31 CogScience & Psychology	C32 Epistemology of consciousness
109 Irene Rumbold Perturbing the Brain to Measure Distinct Conscious States and Task-Centric Thematic Causal Interactions	218 Benjamin Lechyl Developing an affordable system to investigate human perception in the hundred millisecond time scale	224 Anthony Lambert Incidence of amnesia and aphasia, and the evolution of neural systems with measures of personality and well-being in a large New Zealand sample	100 Roumiana Tardavova Water or Quantum Field Connecting Micro and Macro Worlds
413 Mitchell Reed Neuroethical Implications of Focused Attention for Neuroepistemic Issues	171 Junichi Takano Self-Aware Robots and Free Will	230 Zolt Schelp Auditory Imagery and the Phenological Loop	121 Ariel Ansheliev Anomalousity and Emergence of Consciousness
271 Elan L. Shapiro From Homomorphisms to Homomorphisms: A Playful Examination of the Confusion of Agency, Identity and Sentience	200 Andreas Christopoulos The role of simulations in Cognitive Science	401 Anshel Mikhlin Visual imagination can influence visual perception - a new experimental paradigm to measure imagination	401 Alessio Florio Consciousness Language Models: Lessons From Animal Studies
101 Jonathan Schoeller Hierarchical Consciousness: The Neural Observer Within (NOW) Model	270 Stefan Schmidt The Neurophenomenology of Volition: Revivifying the Libet Task with First-Person Methods	411 Maja Gutman Humans, Dreams, and Machines: How computational models enhance our understanding of dreams	242 Peter Fiedler Sensory representations, perceptual reality monitoring, and the status of higher-order theories of consciousness
230 Thomas Brody Personal Phenomenal world and Quick QR Quantum Cognition Models in the context of Property Theories Actual Theory	193 Larry Fort Embodied Perceptual/Motivation: How Intersubjective and Experiential Engagement Affect Perceptual Performance	314 Greg O'Quigley Associations of Visual and Auditory Imagery With Occupational Choice	109 Peter Johnson Using Magic to Study the Impact of Future Neurotechnology

Saturday 27			
C33 Free Will	C34 Phenomenology	C35 Mental Causation	C36 Neuroscience
401 Andre Lefebvre Free Will and the Evolution of Consciousness: A Kantian Thought Experiment	111 Norbert Chignu Enactive or Zen Perception: A Thought Experiment using Multi-Layered Brains	174 Ana Brilo The Impact of Libet's Mind-Time Theory of Consciousness on Criminal Law	207 Priya Baur "All of a sudden I see myself" - a neurophenomenological analysis of out of body experiences in epilepsy
61 John Callender Art, Free Will and Moral Value	240 Eugenio Legrand Does Monism argument really influence?	235 Vito Pinto The algorithmic deluge paradigm	284 Kathleen Pail What? Your? Messages to People Perceive from the Deep? A Qualitative Study of the Nature of Alter-Ego Consciousness
56 Peter Ellis Pain-Intention: a novel metaphysical position that is consistent both with libertarian free will and contemporary physics	254 Andrea Fava Giordano Naturalizing Phenomenal Intentionality	240 Elena D'Amico Valdesoro Some dilemmas concerning the nature of Free will	312 Jonathan Dineen Let Them Be Right: A Multimodal Investigation of Mystical Luminosity Experience
101 Steven Goveva Free Will and Determinism: A Neurobiological Analysis	240 Daniel Wang Structuralist representation models about phenomenal consciousness	291 Karina Veld Arguing the dimensions of consciousness	243 Viktoriya Duda Reconciliation and the Simulation Hypothesis
179 Sandeep Gupta Free Will & Consciousness	271 Giacomo De Luca Causality of consciousness and deep sleep awareness in EEG/MEG/EEG/MEG tests	101 Joshua Bergman Free Will Agency: Towards a Phenomenology of Medical Implications	101 Sergio Pimentoni Behavioral and neural evidence of subliminal and supraliminal integration challenges the prevailing theories of consciousness
C37 CogScience & Psychology	C38 Body and Consciousness	C39 Evolution & Cognition	C40 Art & Consciousness
271 Konstantin Ansheliev Consciousness as a global perturbation in the neural networks	110 Nancy Woolf Quantum mind theory reveals what needs to be fixed in reductionist theories: the problem of entanglement	67 John Sanfey The new paradigm: the key that unlocks	281 Mirza Ali-Akbar Theatre of Consciousness: lecture-performance on mental imagery and self-regulating performance
62 Joshua Celi Enhancing the Meditative Experience with Ultrasonic Neurostimulation	215 Raf Costa Visual noise, absorption, and altered states of consciousness	81 Allen Camber The Evolutionary Ascent of Consciousness	475 Wade Sargent Transmission of awakening and 11 levels of well-being
231 Lena Underdorn Self-Awareness Processes in the Brain	304 Tania Re Italian Psychics: a new challenge to study consciousness	75 Ingrid Fredriksson Consciousness influences epigenetics	231 Nick Day Open Year Eye: Psychodelics, Cinema and Consciousness
401 Rosalea Lanza Grotto A Approach to the Problem of Consciousness by a logical model of quantum gates	124 Roger Russell Moving Edge Sum: Consciousness and Moving	86 James Rutherford A Multidimensional Understanding of Human Nature and Consciousness	101 Adrienne Mendick Exploring non-ordinary states of consciousness with Artificial Movement Application for psychodelics, creativity, and personal transformation
88 Emily Whitely Natural Rhythms of Sleep Experience	271 Alina Stanculescu Direct evidence of alpha rhythm modulation to the generation of real-time perception	442 Brian Lord Using Transcranial Direct Current Stimulation to Alter Default Mode Network and Subjective Experience	403 Paul Dufresne Voluntary Art as Evolving Consciousness