

Wednesday 10th June – Pre-Conference Workshops

	BC303	BC302	A104k	GH101a
09:00–	Registration at SD Gallery (AG101)			
09:30–18:00	The Social Brain and Human Sociability <i>Charles Whitehead, David Craik, Deborah Denno</i>	Merleau-Ponty and Cognitive Neuroscience in the Study of Non-Dual Consciousness <i>Olga Louchakova, Merlin Lucas, Maria Kozhevnikov</i>	Transformation of Consciousness Through the Practice of Yoga [145] <i>Siegfried Bleher</i>	Stalking the Wild Pendulum: Conforming the Nervous System to Consciousness Through the Focus of Attention [149] <i>Gregory Sipp</i>
11:00–11:30	Break			
11:30–13:00	The Social Brain continued	Merleau-Ponty continued	Transformation of Consciousness continued	Stalking the Wild Pendulum continued
13:00–14:30	Lunch			
14:30–16:00	The Social Brain continued	Merleau-Ponty continued	Transformation of Consciousness continued	Stalking the Wild Pendulum continued
16:00–16:30	Break			
16:30–18:00	The Social Brain continued	Merleau-Ponty continued	Transformation of Consciousness continued	Stalking the Wild Pendulum continued
19:00	Registration closes			

PQ002	BC201	A102		
Rhythm and Consciousness <i>Ed Mikenas</i>	The Hidden Sides of Experience: Exploring Dissociations Between Experiential Consciousness and Meta-Awareness [158] <i>Jonathan Schooler</i>	The Science of Consciousness <i>Stuart Hameroff</i>		
Rhythm and Consciousness continued	The Hidden Sides of Experience continued	The Science of Consciousness continued		
Rhythm and Consciousness continued	Efficacy of Consciousness and Transformative Power of Music [172] <i>Martha Curtis and Jonathan Schooler</i>			
Rhythm and Consciousness continued	Efficacy of Consciousness continued	Signal Detection Theory <i>Hakwan Lau</i>		

Friday 12th June

	JCA	GH201	A122 Courtyard
09:00–11:05	Games and Media Plenary 6: Video Games as a Research and Collaboration Tool for Consciousness Studies <i>Gino Yu</i> [189] Plenary Panel, Moderator: <i>Gino Yu</i> Relationships Between Media Technology and Personal Reality <i>Marc Price</i> [152] Dissociation: A Natural State of Mind? <i>Gregory Garvey</i> [62] Dreams and Video Game Play <i>Jayne Gackenbach</i> [117] Designing Human-like Video Game Synthetic Characters through Machine Consciousness <i>Raul Arrabeles</i> [118]		
11:05–11:35	Tea Break		
11:35–12:55	Extended Mind and Extended Body Plenary 7: The Extended Mind Revisited <i>David Chalmers</i> [72] Plenary 8: Body-Swapping and Out-of-Body Illusions: How We Come to Experience that We Own Our Body <i>Henrik Ehrsson</i> [97]		
12:55–14:00	Lunch		
14:30–17:00		Concurrent 6: Introspection, Attention, Self-Consciousness A Defense of Perceptual Accounts of Pain [39] <i>Verena Gottschling</i> Introspection and Inference [58] <i>Nicholas Silins</i> Transparency, Representation and Penetrative Attention [67] <i>Kranti Saran</i> What's Not Wrong with Intrinsicism? [70] <i>Jerry Yang</i> Beyond the Self-Representational Theory of Consciousness [19] <i>Zhuhua Yao</i> Anamorphosis and Consciousness [17] <i>Zoltan Veres</i> <i>(C6 will run until 17:30)</i>	Concurrent 7: Neurobiological Models and Theories A Brain Basis for Transforming Consciousness with Mind-Body Bridging [155] <i>Stanley Block</i> Seeing the Invisible: The Scope and Limits of Unconscious Processing in Binocular Rivalry [112] <i>Zhicheng Lin</i> Neocortical Strong Loops: A Framework For Consciousness? [122] <i>Julien Vezoli</i> Unconscious Intentional Action and Wu-Wei: Rethinking the Evidence for the Somatic Marker Hypothesis [69] <i>Marshall Willman</i> Stinking Consciousness! [85] <i>Benjamin Young</i>
17:00–19:30	Poster Session at GH101 (Note: Poster presenters may set up their posters on June 11 between 10:00 and 17:30) Exploring Consciousness with Art, Technology and Design Exhibitions (see page 15 for artists list) Book Signings		
20:00–23:00	Conference Dinner		

A104k	A102	CCST
Concurrent 8: Language, Reasoning, and Emotion The Phenomenon of Metaphor Creation: Subjective Experience and Personal Meaning at the Moment of Metaphorical Utterance [101] <i>Mei-Yan Chiang</i> Can ToM Be Prior To Language? [102] <i>Navneet Chopra</i> Neural Correlates of the Typicality Effect in a Deductive Reasoning Task [79] <i>Li Hong</i> Artificial Self Based on Collective Mind – Using Common Sense and Emotions Web-Mining for Ethically Correct Behaviors [120] <i>Rafal Rzepka</i> Does Automatic Affective Processing to Priming Pictures Have Influence on Concreteness Effects in the Target Words Recognition? [97] <i>Qin Zhang</i>	Concurrent 9: Physics of Consciousness Our Entanglement with Light's Consciousness: How physics supports our conscious role in the vast electromagnetic spectrum [21] <i>Thomas Baumann</i> Taking Whitehead Seriously in Relativistic QFT and Qualitative Consciousness [37] <i>Jesse Bettinger</i> Quantum Mechanics and the Mind [127] <i>Casey Blood</i> Quantum tunneling models for Biological Systems [128] <i>Masayuki Hirafuji</i> Consciousness and Subconsciousness From a Physicist's Point of View [110] <i>Wlodzimierz Klonowski</i>	Concurrent 10: Technology, Art and Media New Media Art and the Multiple Self [161] <i>Roy Ascott</i> New Hitch Haiku: an Interactive Renku Poem Composition Supporting Tool applied for Sightseeing Navigation System <i>Naoko Tosa</i> Las Meninas, Depicting Hot's, Somts and Much More [161] <i>Uziel Awret</i> Subjectivising Sound: Cognition and the Soundscape in Contemporary Hong Kong Cinema [163] <i>Gary Bettinson</i> Consciousness, Drugs and the Internet [94] <i>Omelia Corazza</i> Help, My Parents are Gutenborgs! [15] <i>Jan Sleutels</i>

Sunday 14th June

Chiang Chen Studio Theatre

Social Approaches to Consciousness, Moderator: *Charles Whitehead*

09:00–10:30

Plenary Panel 14: **Why We Need Social Approaches** [173] *Charles Whitehead*

Beyond Scientific Materialism: Toward a Transcendent Theory of Consciousness [20]

Imants Barušs

The Relationship Between Hypnotizability and Emotional Contagion [151] *Etzel Cardena*

Cultural Neuroscience of Consciousness: From Visual Perception to Self-awareness [75]

Joan Chiao

10:30–11:00

Break

11:00–12:30

Machine Consciousness, Moderator: *Ben Goertzel*

Plenary Panel 15: **All Things Are Conscious, But Some Things Are More Conscious Than Others:**

A Panpsychist Approach to Quantifying Intensity of Consciousness in Natural and Engineered Systems [186] *Ben Goertzel*

The Conscious Robot Project: A Neural-Symbolic Approach to Robotically Embodied

Machine Consciousness [181] *Hugo De Garis*

On the Origin and Embodiment of Consciousness in Cognitive Informatics and

Computational Intelligence [188] *Yingxu Wang*

12:30–14:00

Lunch

14:00–15:30

TSC Round Tables (optional)

15:30–16:00

Tea

20:00–

End of Consciousness Party

Exploring Consciousness with Art, Technology and Design Exhibitions

curated by Roy Ascott and Naoko Tosa.

[A1] Session One Thursday June 11 17:15–19:30, Core GH, Fish Tank

Hypnosis I-a (Autohypnosis) [168] *Ana Iribas Rudin*

Roomforthoughts: Labyrinth Psychotica, The Epistemology of an Art Experience in Relation to the

Simulation of Schizophrenic Psychosis [126] *Jennifer Canary Nikolov(a)*

CogSpace : A 3-dimensional Mind Map of Cognitive Science and Consciousness Studies [22] *Michael Gaio*

[A2] Session Two Friday June 12 17:15–19:30, Core GH, Fish Tank

My Mind is All Over My Body [184] *Luis Miguel Girao*

Music Integrative Neurotherapy, TM: The Method and its Uses in Mood, Personality and Sleep Disorders. A

Quantum Model for Neurotherapy [137] *Alexander Graur*

Flow in the Zone: A Global Perspective on the Inner Experience of the Traditional Artist [171] *Tonietta Walters*

A Day in the Life of Situ *John Haworth*

Special Performances

Saturday June 13, PolyU Chiang Chen Studio Theatre

[S1] 19:30–20:00, **The Giant Client: Developing a Collective Consciousness Through Hand Drumming** [153] *Ed Mikenas,*

Percussionist

[S2] 20:00–21:00, **Efficacy of Consciousness and Transformative Power of Music** [4] *Martha Curtis, Violinist and Lecturer*

* The Martha Curtis performance and presentation is made possible through funding arranged by Enlighten-Action for Epilepsy, Hong Kong

21:00–22:00, **The Wheel of Consciousness** *Jeff Warren*

Post-Conference Machine Consciousness Workshop

[V2] Sunday June 14

Moderator: *Ben Goertzel*

Engineering Computer Architecture Models for the Evolution of Interiorized Creator-in-a-Box Roles for Conscious Robots,

Self-Aware Robots, Automata, Machines and Artifacts [177] *John-Thones Ameyo*

CERA-CRANIUM: A Test Bed for Machine Consciousness Research [178] *Raúl Arrabales Moreno*

How Can We Program a Nano-Brain So That It Can Run Complex Jobs Without Human Intervention? [179] *Anirban*

Bandyopadhyay

Towards Machine Consciousness: A Developmental Theory of Thoughts as Communicating Processes [3] *Pierre Bonzon*

Machine Consciousness: Essential, Functionalist and Mixed Approaches [45] *Allan H Combs*

The Android's Wardrobe: Emotions, Preferences, and Pre-Rational Decisions in Machine Consciousness [183] *Paul Fahn*

Workshop Introduction and Review of Contemporary Architectures for Machine Consciousness [185] *Ben N. Goertzel*

Intentionality and Goal-Oriented Behavior from Reinforcement Learning [190] *Jun Zhang*

Robot Dreams: Requirements for Synthetic Phenomenology and Intersubjectivity [122] *Robin Zebrowski*

A Mind-Working Mechanism that Rather Develops Experience of Consciousness that is Thought Born With: The “Three-Rules”

Towards a Conscious Being and a Few Thoughts on Singularity [53] *Qishi Li*

Can Access Consciousness Qualify as Computer Consciousness? Or, So What if My Computer Can't Cry! [47] *John Wallace*

Friday, June 12 17:00–19:00 – Poster Session 2 [P1–P6] in GH101

[P1] PHILOSOPHY

Sunsets and Smiling Babies. Can “Qualia” be the Result of a Mental Lag? [2] *Sara Bizarro*

The Evolution of a Consciousness “Singularity” [5] *Paul Evans*

Nature of Consciousness and the Role of Objectivity [7] *Richard Gill*

Ontologically Deaf: Questions About ‘Where’ That Lead Nowhere [24] *Dwight Holbrook*

The Relationship Between Consciousness and Life and the Quantum Vacuum with Respect to Mind and Body and the Locus and Space of Existence [10] *Teruo Kato*

Can a Materialist Accept “What is it Like to be a Bat”? [33] *Nai-jia Liu*

The Source of Qualia [41] *David Longinotti*

Brain, Mind & Technology [34] *Max Payne*

Schrödinger’s Cat and Descartes’ Dog: The Failure of Common Sense [13] *Tim Roberts*

Between Knowledge and Consciousness [16] *Shigeki Sugiyama*

A Defense of the Soul [35] *Khalidoun Sweis*

Troubles with Reductionism: Can We Reduce Consciousness? [36] *Jack Yang*

How Aliens Help Us to Embrace Content Internalism [71] *Thomas Benda*

A Non-Reductive Approach to the Problem of Mental Causation [47] *Peng Chien*

Did Mary Know All the Physical Facts? [51] *Dingzhou Fei*

How Do Neurosciences Challenge Who We Are? [61] *Sara Fernandes*

The ‘Eternal Now’: Experience as a Tool of Personal World Making in Photography [63] *Murat Germen*

Reportability and Phenomenal Consciousness [38] *Jorge Gonçalves*

A Mind-Working Mechanism that Rather Develops Experience of Consciousness that is Thought Born With: The “Three-Rules”

Towards a Conscious Being [52] *Qishi Li*

Creating Satisfied Life with Functionalistic Approach [48] *Taimei Okada*

On a Scientific Explanation for Volition Action [65] *Rodney Piercey*

Quantum Consciousness: Lost in the Wood? [43] *Ruggero Rapparini*

Consciousness, As the Neural Monist Views It! [14] *Matti Saari*

Convergence of Analytic and Mystical Approaches to Consciousness [53] *Eric Schayer*

Divinity – Representation of Supra Mental Patterns [68] *Vicky Suri*

Revisiting the Relationship Between Mind and Genes as a First Step Towards Understanding the Origins of the Contemporary

Human Mind, Its Current Functioning and Problems [66] *Sadia Tariq*

Qualia: The Language of Consciousness [44] *Nikolay Voronov*

Can Access Consciousness Qualify as Computer Consciousness? Or, So What if My Computer Can’t Cry! [46] *John Wallace*

The “Felicitous Alignment” and the Causal Efficacy of Consciousness [49] *John Wright*

Self-Awareness and Mindreading [59] *Jing Zhu*

Macro- and Microcosms as the Different Levels of Reflecting in Observer’s Consciousness [57] *Elmira Isaeva*

[P2] NEUROSCIENCE

Different Delays of Input Firing as Necessary Condition for Stereopsis: Microsaccades and Drifts as Mechanism for 3D Vision

Even Monocularly [86] *Eduard Alto*

A Mathematical Model of the Human Brain for Construction of Machine Consciousness and Thinking [74] *Matti Bergstrom*

Psycho-Neuro-Intracrinology: The Embodiment of Myth, Intentionality, and the Spiritual Sense of Well-Being in Women

at Midlife [76] *Susan Gordon*

Temporal Dissociation of Category Judgment and Response Rule Extraction: Typicality Effect Seen by Brain Potentials [84] *Le i Yi*

Optical Imaging Reveals a Differential Action of General Anaesthesia on Selective Features of Transient Neuronal Assemblies

in Rat Barrel Cortex [91] *Ian Devonshire*

Biophotons Emission and EEG Diagrams: A Computational Approach [93] *Vahid Salari*

The Dream Machine: A History of Stroboscopic-Induced Visual Hallucinations [88] *Bastiaan Ter Meulen*

Ischemic Insults Direct Glutamate Receptor Subunit 2-Lacking AMPA Receptors to Synaptic Sites [92] *Qi Wan*

Lack of Correlation Between ERK Activation and Receptor Endocytosis Induced by Clonidine and Guanfacine in Native

Neocortical Neurons [95] *Qin Wang*

[P3] COGNITIVE SCIENCE AND PSYCHOLOGY

Measuring Human Personality by Gas Discharge Visualization: A Cross-Cultural Empirical Study [100] *Paul Dobson*

Interpretative Analysis of Spontaneously Emerging Images Representing Unconscious Volition of Existential Will Through

Kundalini Tantra Yoga [106] *Josh Maddox*

Cognitive Analysis of Spontaneously Emerging Imagery Through Kundalini Tantra Yoga [107] *Matthew Metzger*

On a Confusion About the Nature of Consciousness [99] *Thomas Alrik Sørensen*

The Accuracy of Verbal Reports Regarding the Effects of Route Locations on Navigational Choices [108] *Ayumi Yamada*

Multi-Agent Model Based on its Information States Presenting There Consciousness for Physical Phenomenon-Information

Paradigm and its Applications [119] *Snezana Cerepnalkovska Dukovska*

Brain Creativity, Cognition and Consciousness Mathematical Modeling Based on Discrete Chaotic Biochemical Reactions

Dynamics of the Neuronal Networks [125] *Vladimir Gontar*

The Importance of Earlier Ideas [113] *Boleszek Osinski*

Beyond Consciousness and Towards an Integrated Intelligence *Marcus Anthony*

[P4] PHYSICAL AND BIOLOGICAL SCIENCES

The Buddhist Science of Mind and the Western Mandala of Consciousness [130] *George Potter*

Semiconductor Entanglement of Register-Specific Data Appears Photonic [132] *Stanley Jungleib*

Life is Motion of Exoteric, Polymeric, Circulatory Set of Electron Pair [133] *Qing Yang*

[P5] EXPERIENTIAL APPROACHES

Ashtanga Yoga as Mind Making: A Hermeneutical Phenomenological Inquiry of the Transformative Experiences

Accompanying Ashtanga Yoga Practice [144] *Aimee Acebedo*

ADHD in Black and White: A Comparative Inquiry in Narrative and Photographs Examining the Social Construction of ADHD

in Poor African American and Affluent White American Families [140] *Sean Hatt*

A Different Person: How Unfolding Pure Consciousness Through Insight Could Transform an Individual [146] *Ratnasiri thalamulla*

The Development of the Buddhist Mettā Scale: A Study (in the Thai Factory) [148] *Doldao Purananon*

Embodied Reason: The Mechanics of Spiritual Self-Generation in the English Versions of the *Meditationes Vitae Christi* [150]

Mayumi Taguchi

[P6] CULTURE AND HUMANITIES

An Altered State: Automatic Writing and the Irish Literary Revival [159] *Wendy Cousins*

Consciousness [170] *Lucia Salvato*

Alpha.Tribe: Alt Avatars Explore Creative Identity [162] *Elif Ayiter*

Hypnosis in Contemporary Art [169] *Ana Eva Iribas Rudin*

What is the Ultimate Form of Communication [187] *Ryohei Nakatsu*