

Day 1 Wednesday 30 September

- 9.00-9.45 Registration & Coffee (all sessions in the Macquarie University Union building, Macquarie University)
- 9.45-10.00 Welcome
- 10.00-11.15 **Keynote #1**
Thomas Metzinger (Mainz), What is the Simplest Form of Self-Consciousness? Levels of embodiment and minimal phenomenal selfhood -- The Atrium (Chair: John Sutton)
- 11.15-11.40 Morning Coffee

Session 1	Room #1 Symposium Chair: Michael Breakspear Computational Neuroscience	Room #2 Chair: Ken Cheng Faces	Room #3 Chair: Liz Schier Delusions
11.40-12.00	Michael Breakspear (QIMH) On criticality and perception in the human brain	Darren Burke (Macquarie) Expression processing is identity-dependent and identity-independent	Robyn Langdon (Macquarie) A cognitive neuropsychiatric case-study of a circumscribed somatic delusion
12.00-12.20	Peter Robinson (Sydney) Quantitative brain dynamics and natural cognition	Simone Favelle (Wollongong) Matching faces across rotations in view and lighting	Philip Gerrans (Adelaide) Seeing double: perceptual illusions of identity
12.20-12.40	Geoffrey Goodhill (Queensland) Computational models of visual map plasticity	Owen S. Gwinn (Macquarie) A face in the crowd: race perception and the lightness contrast illusion	Glenn Carruthers (Macquarie) A comparison of fortunes: the comparator and multifactorial weighting model of the sense of agency

12.40-1.40 Lunch

Session 2	Room #1 Symposium Chair: Stephan Lewandowsky Computational Models of Cognition	Room #2 Autobiographical Memory #1	Room #3 Chair: Ken Cheng Education, HCI, & Expertise
1.40-2.00	Ullrich Ecker (UWA) The components of working memory updating	Hans Markowitsch (Bielefeld) Autobiographical memory across the life span: brain imaging and neuropsychology	Sylvain Pronovost (Carleton) Bridging cognitive modeling and human behavior representation engineering
2.00-2.20	Stephan Lewandowsky (UWA) A dynamic distributed model of short-term memory	Antonina Harbus (Macquarie) Written auto/biography as a source of influence on autobiographical memory	Iwan Kartiko (Macquarie) Does the Visual Complexity of animated-virtual actors in virtual reality applications affect learning?
2.20-2.40	Philip Smith (Melbourne) Modelling the neural basis of memory representations and decision making	Doris McIlwain (Macquarie) Fullness of feeling: reflection, rumination and autobiographical memories	Kathy Knox (Griffith) Relational processing in children's arithmetic word problem solving
2.40-3.00	David Sewell (Melbourne) Multielement visual signal detection: three principles and a model	Angelica Staniloiu (Bielefeld) Dissociative memory disorders and immigration	Spyridon Revithis (UNSW) A neurocomputational instructional indicator of working memory load in cognitive load theory
3.00-3.20	Scott Brown (Newcastle) Bayes vs. heuristic models for Hick's Law	Celia Harris (Macquarie) Collaborative remembering: when can remembering with others be beneficial?	Stefan Lehmann (NICTA) Evaluation of a model of expert decision making in air traffic control
3.20-3.40	Lee Averell (Newcastle) Prior sensitivity in Bayesian model selection techniques	Charlie Stone (Macquarie) A taxonomy of silences from a psychological perspective	Tim van Gelder (Melbourne) Structured methods for intelligence analysis

3.40-4.00 Afternoon Tea

Session 3	Room #1 Symposium Chair: Leonardo Gabales Relational Complexity Theory and Fluid Cognitive Functions CHANGED SCHEDULE	Room #2 Philosophy of Mind	Room #3 Socially Distributed Cognition
4.00-4.20	Glenda Andrews (Griffith) Relational processing following stroke Presented by Graeme Halford	Chris Mortensen (Adelaide) Visual paradox and cognition	Evelyn Tribble (Otago) Literature, culture, cognition: new models
4.20-4.40	Leonardo Gabales (Sydney) Relational complexity in the context of processing speed	Anne Newstead (UNSW) The cognitive science of mathematics: a case study	Georg Theiner (Alberta) Making sense of group cognition: the curious case of transactive memory systems
4.40-5.00	Graeme Halford (Griffith) Complexity of the Wason selection task	Drew Khlentzos (UNE) In defence of nativism	Dirk van Rooy (ANU) Agent-based modeling, situated cognition & emergence
5.00-5.20	Kate Stevens (discussant)	Peter Slezak (UNSW) Externalism and intuition	Charles Wolfe (Sydney) The social brain

5.30-6.45 **Keynote #2**
Barbara Tversky (Stanford), Spaces of Thought -- The Atrium (Chair: Max Coltheart)

7.00 **Conference Dinner**
U@MQ building (advance bookings only)

Day 2 Thursday 1 October

9.00-9.30 Registration & Coffee

9.30-10.45 **Keynote #3**
 Jason Mattingley (Queensland), The mysterious disorder of unilateral spatial neglect -- The Atrium
 Chair: Mark Williams

10.45-11.10 Morning Coffee

Session 4	Room #1 Symposium Chair: Richard Menary Agency, Skills and Embodiment in a Cultural Context	Room #2 Symposium Chair: Rochelle Cox Hypnosis	Room #3 Categorization and Memory CHANGED SCHEDULE
11.10-11.30	Richard Menary (Wollongong) Representational intentionality and motor intentionality: what are their respective roles in skilled activity?	Vince Polito (Macquarie) Measuring the sense of agency in hypnosis	Brett Hayes (UNSW) Unifying models of memory and reasoning
11.30-11.50	David Simpson (Wollongong) Ryle, skill, and embodiment	Michael Connors (Macquarie) Impaired face recognition and the mirrored-self misidentification delusion: recreating the delusion using hypnosis	Rachel Stephens (Adelaide) The effect of causal strength on the use of causal and similarity-based information in feature inference
11.50-12.10	Greg Downey (Macquarie) Cultural variation in elite athletes	Alena Rahmanovic (Macquarie) An hypnotic analogue of somatoparaphrenia: recreating the delusion, testing the proposed factors, and challenging experiences	Khazriyati Salehuddin (UWS) The categorisation of objects into numeral classifier categories: a discrimination task using Malay
12.10-12.30	Wayne Christensen (Macquarie) Conceptualizing agency in skilled action	Rochelle Cox (Macquarie) Confabulation during an hypnotic erotomania delusion	Susan Green (Macquarie) The pleasure and pathology of narrative
12.30-12.50	Ben Jeffares (Wellington) The evolution of technical competence	Discussant: Robyn Langdon (Macquarie)	

12.50-1.50 Lunch

Session 5	Room #1 Symposium Chair: Kate Stevens Dance and Cognitive Science	Room #2 Language #1 CHANGED SCHEDULE	Room #3 Navigation and Representation
1.50-2.10	Kim Vincs (Deakin) Audience response to dance structure: effects of observer experience and soundscape on continuous measures of engagement with a contemporary dance work	Andrea Schalley (Griffith) Predicting possible polysemies from conceptual transfer: an ontolinguistic view on multiple meanings	Oliver Baumann (Queensland) Hippocampal, parahippocampal and striatal neuronal activity predicts object-location retrieval during active navigation
2.10-2.30	Neil Adams (Melbourne/ VCA) Choreography on the couch: the role of psychological intervention in the choreographic process of <i>Incarna</i>	Heather Winskel (UWS) Linguistic relativity: from chasing frogs to eating spaghetti	Edgar Chan (Queensland) The influence of alignment on object-location memory within a virtual environment
2.30-2.50	Emery Schubert (UNSW) Using with and without music conditions in a dance to provide insight into temporal cognition	Zhengdao Ye (ANU) Eating and drinking in Mandarin and Shanghainese	Lars Marstaller (Macquarie) An information-theoretic measure of representation
2.50-3.10	Kate Stevens (UWS) Implicit learning of structured contemporary dance movement	Damian Birney (UNSW) Fluid cognitive functions underlying multi-process tasks: a relational complexity perspective on segmentation	Ashley Aitken (Curtin) Simplest minds
3.10-3.30	Afternoon Tea		
Session 6	Room #1 Symposium Chair: David Mann Cognitive effort and skill learning in sport	Room #2 Emotion & Theory of Mind CHANGED SCHEDULE	Room #3 Music, Dance, Distributed Cognition
3.30-3.50	David Mann (AIS/ UNSW) Current considerations for cognitive effort in the acquisition of sporting skill	Candida Peterson (Queensland) Longitudinal evidence on Theory-of-Mind development in children with deafness or autism	Freya Bailes (UWS) Perceiving musical change: nothing more than a response to physical sound intensity?
3.50-4.10	Adam Gorman (AIS) Expert pattern perception in sport	Mitch Parsell (Macquarie) Williams syndrome: dissociation and mental structure	Monte Pemberton (Queensland) Remembering with dance
4.10-4.30	Megan Rendell (QAS) Contextual interference and the role of cognitive effort for skill acquisition	Lucas Bietti (Macquarie) Toward a sociocognitive approach to the construction of the moral self in autobiographical memory	S. Kate Devitt (Rutgers) The danger of the extended mind
4.30-4.50	Natalie Ruiz (NICTA) Assessing cognitive effort in applied sports contexts	Russell Downham (Macquarie) Re-thinking through remembered perspectives: experiential memory as cognitive know-how	Lincoln Colling (Macquarie) Cognitive psychology does not reduce to neuroscience: the fundamental role of brain-body-environment interactions in explaining intelligent behaviour
5.00-6.00	Conference Drinks and Poster Session (see full list of posters below)		

Day 3 Friday 2 October

8.45-9.00 Registration & Coffee

9.00-10.15 **Keynote #4**

Stephen Crain (Macquarie), What are Core Linguistic Principles? -- The Atrium (Chair: Max Coltheart)

10.15-10.30 Morning Coffee

Session 7	Room #1 Symposium Chair: John Sutton The Continuity of Mind	Room #2 Word Processing	Room #3 Clinical Cognition
10.30-10.50	Michael Spivey (UC Merced) The continuity of mind: experimental and theoretical considerations	Jon Brock (Macquarie) A MEG study of sentence context effects in auditory word processing	Kamelia Todorov (Uni SA) Automatic cognitive processes in eating behaviour implicated in obesity: application of the Implicit Association Paradigm
10.50-11.10	Gerard O'Brien (Adelaide) Connectionist representations and dynamical systems	Annikka Lindell (La Trobe) Hemispheric asymmetries in feature integration during visual word recognition	Anastasia Ejova (Adelaide) The gambler's illusion of control: its structure, prevalence and determinants in a laboratory setting
11.10-11.30	Discussant: Tim van Gelder (Melbourne)	Samantha Calacouris (Macquarie) Homophone vs. cohort competitors in predictive sentences: time-course of language-mediated eye movements.	

11.40-12.55 **Keynote #5**

Jakob Hohwy (Monash), The Hypothesis-Testing Brain -- The Atrium (Chair: John Sutton)

12.55-1.50 Lunch (including breakout room for ASCS society meeting, all welcome)

Session 8	Room #1 Symposium Chair: Liz Schier Relation between Mind and Brain, part 1	Room #2 Action & Attention	Room #3 History, Culture, & Cognition
1.50-2.10	Peter Menzies (Macquarie) The indispensability of cognitive explanations	Frini Karayanidis (Newcastle) Neural correlates and temporal dynamics of task-switching in normal aging	Nicholas Keene (Otago) Extending the religious mind: early Quakerism and modes of religiosity
2.10-2.30	Daniel Stoljar (ANU) Contribution to mind-brain symposium	Sharna Jamadar (Newcastle) The spatial and temporal dynamics of anticipatory preparation in task-switching	Adrian Jones (La Trobe) Philosophical and socio-cognitive foundations for collaborative approaches to student learning in higher education
2.30-2.50	Dominic Murphy (Sydney) What minds tell us about the brain, and why it might not help much	Matthew Finkbeiner (Macquarie) Temporal dynamics of masked congruence priming: evidence from reaching trajectories	Heikki Ikaheimo (Macquarie) Why don't apes point but we do? A recognition-theoretical approach
2.50-3.10	Jon Opie (Adelaide) Levels and explanations	Evan Livesey (Sydney) Dissociating the effects of automatic facilitation and event expectancy on the control of attention and performance	Juan Dominguez (Melbourne) The neural basis of cultural production and reproduction: a neuroanthropological perspective

3.10-3.30 Afternoon Tea

Session 9	Room #1 Symposium Chair: Wayne Christensen Relation between Mind and Brain, part 2	Room #2 Language #2	Room #3 CHANGED SCHEDULE No presentations
3.30-3.50	Elizabeth Schier (Macquarie) The explicable emergence of the mind	Nick Riemer (Sydney) Lexical content and the expressive/descriptive distinction	
3.50-4.10	Mark Williams (Macquarie) Cognitive neuroscience: spanning the void between cognitive science and neuroscience	Jette Viethen (Macquarie) The cognitive plausibility of algorithms for referring expression generation	
4.10-4.30	Max Coltheart (Macquarie) Is the mind the software of the brain?	Francesco Ursini (Macquarie) How space gets into language: a novel approach	
4.30-4.50	Discussion	Raoul Oehman (UWA) The facilitative effects of goal orientation on the speech convergence of partners' mean vocal intensity	

4.50 Conference Close

Posters

(Posters will be up through the conference, but the formal poster session is over drinks on Day 2 Thursday 5.00-6.00pm)

Vanessa Beanland (ANU)	Gorilla watching: effects of exposure and expectations on inattention blindness
Rachel Bennetts (Macquarie)	The use of dynamic cues in self and familiar face recognition
Lincoln Colling (Macquarie)	Action synchronisation with biological motion
Jia Tina Du (QUT)	Cognitive web search model as multitasking, cognitive coordination, and cognitive shifts
Magda Dumitru (Macquarie)	Biases in truth judgments of disjunctions and conjunctions: testing the universal density of measurement theory
Simone Favelle (Wollongong)	The utility of different object properties in change detection
Andrew Geeves (Macquarie)	Reconceptualising expertise: the experience of music performance for the expert musician
Virginia Harrison (Sussex)	Expertise and the own-age bias in face recognition: evidence for the enhanced configural processing of own age faces
Blake Johnson (Macquarie)	Acquiring expertise in the mental manipulation of visual images: visual brain activity associated with extensive practice in a mental rotation task
Lauren Kearney (UNSW)	As time goes by: temporal construal moderates the effects of category variability on belief revision
John McDowall (Wellington)	Does looking down influence our mood?
Greg McLean (Macquarie)	No prolonged attentional blink in developmental dyslexia
Tommy Ng (Macquarie)	Neuro-motor coordination in developmental disorders: new research directions
Alex Provost (Newcastle)	Acquiring expertise in the mental manipulation of visual images: cognitive brain activity associated with extensive practice in a mental rotation task
Carly Pymont (ANU)	1+1 = 3: Factors influencing error detection with mathematical and reasoning problems
Melanie Reid (Macquarie)	Auditory processing in the dyslexic brain
Reece Roberts (Auckland)	In a bind! What do change detection tasks tell us about visual working memory representations?
Daniel Upton (Monash)	Risky' decisions in the Iowa Gambling Task are associated with trait impulsivity: evidence from cognitive model parameters and cross-task correlation
Francesco Ursini (Macquarie)	How space gets into language: evidence from language acquisition
Wayne Warburton (Macquarie)	The development of maladaptive schemas