

# AMPC18 Programme

*Simon Farrell*

*18/01/2018*

## Wednesday 2018-02-14

### Morning

Time	Authors	Title
09:00		Welcome
09:10	<b>Amy Perfors</b> , Nicholas van Dam	Decision-making in black swan environments
09:30	<b>John C. Dunn</b> , Li-Lin Rao	Models of risky choice: A signed difference analysis
09:50	<b>Christina Van Heer</b> , Robert Hester, David K. Sewell, Philip L. Smith	The role of prediction error and confidence in sequential decisions
10:00	<b>Jared M. Hotelling</b> , Andreas Jarvstad, Chris Donkin, Ben R. Newell	The effects of outcome information during sampling on decisions from experience
10:20	<b>Yiyun Shou</b> , Michael Smithson	How Do People Think About the Probability of Human Extinction?
10:40		<b>Coffee</b>
11:10	<b>Ashley Luckman</b> , Sebastian Gluth, Jorg Rieskamp.	Using Response Times to distinguish between attribute-wise and alternate-wise models of inter-temporal choice.
11:30	<b>Timothy Ballard</b> , David Sewell, Andrew Neal	Human information processing in the face of reward versus punishment
11:40	Rachel Mullard, Marc Adam, <b>Ami Eidels</b>	Competitive Decision Making in Dutch Auctions
11:50	<b>Alice Mason</b> , Mark Hurlestone, Geoff Ward, Gordon Brown, Simon Farrell	Evaluating bundles of numbers: assessing the trade-off between memory and online updating in retrospective evaluation
12:00	<b>Luke Strickland</b> , David Elliott, Michael David Wilson, Shayne Loft, Andrew Heathcote	Modelling Prospective Memory in Simulated Maritime Surveillance: Cognitive Control and Competition for Capacity
12:20	<b>Russell J. Boag</b> , Luke Strickland, Andrew Heathcote, Shayne Loft	Modelling Cognitive Control Mechanisms in Simulated Air-Traffic Control
12:30		Lunch

### Afternoon

Time	Authors	Title
13:30	<b>Brett K. Hayes</b> , Rachel G. Stephens, Jeremy Ngo, John C. Dunn	The dimensionality of reasoning: Inductive and deductive inference can be explained by a single process
13:50	<b>Dani Navarro</b> , Alison McCann, Alexandra Tingey, Nicole Baz, Michelle Keshwa, Amy Perfors	Extensional and intensional reasoning: A Bayesian perspective on the conjunction fallacy
14:10	Mike Le Pelley, <b>Ben R. Newell</b> , Robert Nosofsky	Once more, with feeling: deferred feedback does not “sharply dissociate” ‘implicit’ and ‘explicit’ category learning.
14:20	<b>Stephens, R. G.</b> , Matzke, D., Hayes, B. K	Disappearing dissociations in experimental psychology: Using state-trace analysis to test for multiple processes
14:40	<b>Guillermo Campitelli</b>	The prediction game: A simple pedagogical tool to introduce Bayesian inference
15:00		<b>Coffee</b>
15:30	<b>Nicholas Fay</b> , Bradley Walker	Applying the Cultural Ratchet to a Social Artefact: The Cumulative Cultural Evolution of a Language Game
15:50	<b>Bradley Walker</b> , Nicholas Fay	An Egocentric Bias is Important to Adaptive Social Learning
16:00	<b>Matthew B. Thompson</b> , Rachel A. Searston, Gianni Ribeiro, Jason M. Tangen	Alternative statistical frameworks for communicating the strength of forensic evidence in court
16:20	<b>Matthew Kaesler</b> , John Dunn, Carolyn Semmler	Evaluating Signal Detection Models for Eyewitness Identification
16:30	<b>Simon De Deyne</b> , Amy Perfors	Near neighbour judgements as an efficient way to estimate semantic similarity.
16:40		End1

## Thursday 2018-02-15

### Morning

Time	Authors	Title
09:00	<b>Chi-Fai Lo</b> , Kwok-Kwan Wong and Ho-Yan Ip	Lie-algebraic Approach for the Leaky Competing Accumulator Model of Decision Making
09:20	Yakov Ben-Haim, <b>Michael Smithson</b>	Assessing Robustness of Statistical Models: Info-Gap Theory
09:40	<b>Don van Ravenzwaai</b> , Casper Albers, Henk Kiers	Credible Confidence: A pragmatic view on the frequentist vs Bayesian debate
10:00	Trisha Nowland	Mathematical Set Theory for Latent Variable Modelling in Psychology Research

Time	Authors	Title
10:10	<b>Daniel Feuerriegel</b> , Daniel Bennett, Phillip M. Alday, Stefan Bode	The Decision Decoding Toolbox (DDTBOX) - A multivariate pattern analysis toolbox for event-related potentials
10:30		<b>Coffee</b>
11:00	<b>Klaus Oberauer</b> , Hsuan-Yu Lin	An Interference Model of Visual Working Memory: Applications to Change Detection
11:20	Anthea G. Blunden, Dylan Hammond, Piers D. L. Howe, <b>Daniel R. Little</b>	Characterising the architecture and integration rule of change detection decisions
11:40	<b>Chris Donkin</b>	Inferring task-specific psychological representation
11:50	<b>Marton Kocsis</b> , Simon Farrell	The Role of Working Memory in Free Recall: The Effect of Preload at Retrieval
12:00	<b>Adam F. Osth</b> , Simon Farrell	Modeling response time distributions of free recall initiation with race models
12:20	<b>Kevin D. Shabang</b> , D. J. K. Mewhort, Donald R. J. Franklin,	Semantic contrast effects: a holographic interface linking episodic and semantic memory
12:30		Lunch

## Afternoon

Time	Authors	Title
13:30	<b>Roger Ratcliff</b>	Modeling Numeracy Decisions on a Continuous Scale
13:50	<b>Philip L. Smith</b> , Elaine A. Corbett	Modelling Speeded Multielement Decision Making as Diffusion in a Hypersphere
14:10	<b>Guy E. Hawkins</b> <sup>1</sup> , Nathan J. Evans, Scott D. Brown	Normative theories are nice, but people aren't always normative: Comparing collapsing and fixed threshold models of speeded decision making
14:30	<b>Andrew Heathcote</b> , Mathieu Servant, Kirsty Hannah, Dora Matzke	Priming and Variable Control in Choice Conflict Tasks
14:50	<b>Quentin F. Gronau</b> , Andrew Heathcote, Dora Matzke	Warp-III Bridge Sampling for Comparing LBA Models
15:00		<b>Coffee</b>
15:30	<b>Simon Dennis</b> , Paul Garrett, Hyungwook Yim, Nathan Evans, Vishnu Sreekumar	Predicting memory for WHEN
15:50	<b>Julian Fox</b> , Adam Osth & Simon Dennis	Modelling condition order effects: Interference, learning, and decision strategies
16:00	<b>Amy H. Criss</b> , Jack Wilson	Output Interference and Release in Cued Recall: The role of learning during test and a response filter
16:20	<b>Christopher R. Brydges</b> , Gilles E. Gignac, Ullrich K. H. Ecker	Working memory capacity predicts ongoing reliance on misinformation: A latent-variable analysis

Time	Authors	Title
16:30	<b>Hyungwook Yim</b> , Adam F. Osth, Vladimir M. Sloutsky, Simon J. Dennis	Decomposing Different Sources of Interference in Recognition Memory Development - a Computational Modeling Approach
16:50	<b>Jason Zhou</b> , Philip Smith, Adam Osth, Simon Lilburn	Decision-Making in Source Memory: Re-evaluating the Thresholded Nature of Source Memory Retrieval
17:00		Business Meeting and End of Formal Proceedings
18:00		Dinner