

Friday, 30 January Jack Erskine 446

Time	Duration (m)	Speaker	Supervisor(s)	Topic/Title
9:00-9:15	15	Louis Mills	Jeanette McLeod, Phil Wilson, Michael Langton	Maths Craft: the mathematics of making
9:15-9:30	15	Tayne Patel	Jeanette McLeod, Phil Wilson, Michael Langton	Maths Craft: the mathematics of making
9:30-9:45	15	Oliver Dawson	Jeanette McLeod	Ticket to Ride: Graph Theory the Game
9:45-10:00	15	Luke Burton	Mike Steel	Autocatalytic networks
BREAK				
10:10-10:25	15	Bowen Jiang	Robert Culling	Topics in Formal Mathematics
10:25-10:40	15	Xavier Hickson	Chris Stevens	Spinors and Their Connection to Lie Groups and Lie Algebras
10:40-10:55	15	Blake Linklater	Chris Stevens	Spinors and Their Connection to Lie Groups and Lie Algebras
10:55-11:10	15	Thomas Hopgood	Chris Stevens	Spinors and Their Connection to Lie Groups and Lie Algebras
BREAK				
11:20-11:35	15	Coleman Campbell	Leighton Watson	Crater resonance optimisation
11:35-11:50	15	Daniel Spencer	Leighton Watson	Crater resonance optimisation
11:50-12:12	22	Timothy Fisher-Taylor Megan Sushames	Michael Plank	Behavioural responses to an epidemic
LUNCH				
13:30-13:45	15	Bruce Macaulay	Miguel Moyers-Gonzalez, Alex James	Epidemic cycles and immunity debt
13:45-14:00	15	Josh Hogarty	Alex James	TBA
14:00-14:15	15	Lauren Janssen	Alex James, Ann Brower, Liam Gibson	Braided Rivers
BREAK				
14:25-14:40	15	Charlotte Henning	Elena Moltchanova	Crying wolf
14:40-15:10	30	Varya Kern Petr Ladur Devin Lin Aravind Adalarasu	Elena Moltchanova	Reinforcement learning
BREAK				
15:20-15:35	15	Ness Arps	Marco Reale, John Holmes	A new approach for finding the moments of the logit-normal distribution
15:35-15:50	15	Luke Bean	John Holmes	An illustration of spike and slab regression with NZ election data
15:50-16:05	15	David Ewing	John Holmes	An introduction to Variational Bayesian methods
16:05-16:20	15	Ivan Segec	Taylor Winter	How much of low wellbeing in the disabled community is explained by loneliness?