

## Program Schedule – Student Conference

Venue: Lecture Theater, Institute for Advanced Study, Lee Shau Kee Campus of HKUST

15 July 2013 (Monday)		
<u>Time</u>	<u>Event</u>	<u>Presenter</u>
8:30 – 9:00	Registration	
9:00 – 9:50	Talk #1: “Neural Organization of Reinforcement Learning: A Computational Approach”	Barry Richmond [ <i>US National Institute of Mental Health</i> ]
9:50 – 10:30	Talk #2: “Sensorimotor Adaptations with Rewards”	Ran Darshan [ <i>University Paris Descartes</i> ]
10:30 – 11:00	Refreshments	
11:00 – 11:50	Talk #3: “Bursting in Neuronal Networks with and without Glia”	Chi Keung Chan [ <i>Academia Sinica</i> ]
11:50 – 12:30	Talk #4: “Examining the Performance of a Method that Extracts Network Connectivity from Dynamics”	Chung Yin Leung [ <i>The Chinese University of Hong Kong</i> ]
12:30 – 14:00	Lunch	
14:00 – 14:50	Talk #5: “Plasticity and Homeostasis”	Mark van Rossum [ <i>University of Edinburgh</i> ]
14:50 – 15:20	Refreshments	
15:20 – 16:00	Talk #6: “Formation of the Neural Networks under Multiple Constraints”	Yuhan Chen [ <i>Hong Kong Baptist University</i> ]
16:00 – 16:40	Talk #7: “Short-term Synaptic Depression Enriches Responses to Stationary Stimuli in Continuous Attractor Neural Networks”	He Wang [ <i>The Hong Kong University of Science and Technology</i> ]

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16 July 2013 (Tuesday)		
<u>Time</u>	<u>Event</u>	<u>Presenter</u>
9:00 – 9:50	Talk #8: “The Limitations of Phase Reduction Techniques – A Case Study of the Morris-Lecar Model”	Stephen Coombes [ <i>The University of Nottingham</i> ]
9:50 – 10:30	Talk #9: “Phase-amplitude Descriptions of Stochastically Forced Neural Oscillators”	Kyle Wedgwood [ <i>The University of Nottingham</i> ]
10:30 – 11:00	Refreshments	
11:00 – 11:50	Talk #10: “Neuronal Memory of Time Interval in Mice Visual Pathway”	Jiayi Zhang [ <i>Fudan University</i> ]
11:50 – 12:30	Talk #11 : “Mining Sequential Brain Cognitive Activity Components by Residue Iteration Decomposition (RIDE)”	Guang Ouyang [ <i>Hong Kong Baptist University</i> ]
12:30 – 14:00	Lunch	
14:00 – 14:40	Talk #12 : “The V1 Saliency Hypothesis and the Reduction of Visual Crowding of Unique Ocularity Peripheral Visual Targets”	Zhe Li [ <i>Tsinghua University</i> ]
14:40 – 15:20	Talk #13: “Short-term Synaptic Depression Enhances the Resolution of Population Codes”	C. C. Alan Fung [ <i>The Hong Kong University of Science and Technology</i> ]
15:20 – 15:50	Refreshments	
15:50 – 16:40	Talk #14: “Brains as Networks – Features and Implications”	Claus Hilgetag [ <i>University of Hamburg</i> ]
16:40 – 17:00	Concluding Remarks	