

The 2nd UQ Control Theory Workshop
Tuesday, 8 November 2016
Frank White Building (43) room 105, [St. Lucia Campus, UQ](#)

Supported and funded by [UQ-ACEMS](#).

Organized by [Yoni Nazarathy](#) and [Hanna Kurniawati](#)

All coffee breaks and the lunch are in Podium area in the Chemistry building 68, (as you enter the building from the front, just up the stairs).

Schedule:

- 09.00 - 09.15 Opening
09.15 - 09.30 [Christina Kazantzidou](#)
New results in the computation of output-nulling subspaces for descriptor systems
09.30 - 09.45 [Azam Asanjarani](#)
Reward Observing Selection
09.45 - 10.10 [Thomas Taimre](#)
The Value of Information and Efficient Switching in Channel Selection
10.10 - 10.25 [Gerard Duffy](#)
Extending the Harris Index Performance Assessment Technique: A Plant – Wide Focus

Break

- 10.45 - 11.00 [Hanna Kurniawati](#)
POMDPs for Physical Agents
11.00 - 11.25 [Nan Ye](#)
POMDPs for Robot Autonomy
11.25 - 11.40 [Eri Wang](#)
CEMAB: A Cross-Entropy-based Method for Large-Scale Multi-Armed Bandits
11.40 - 12.00 [Robbie Pierce](#)
Benders decomposition for solving facility location and network design problems

Lunch (provided)

- 12.45 - 13.00 [Ian McCulloch](#)
An extended Kalman filter for measuring the forces on a swinging bell
13.00 - 13.25 [Patrick O'Callaghan](#)
Optimal Taxation of a supply chain
13.25 - 13.50 [Michael Forbes](#)
Rush Hour Scheduling Problem as a MIQP

Break

- 13.50 - 14.05 [Rahul Sharma](#)
Battery-based energy storage systems in Australian power distribution networks
14.05 - 14.20 [Ebby Thomas](#)
Application of Probability and Markovian Model for Electric Demand Side Management (DSM)
14.20 - 14.25 [Slava Vaisman](#)
Title TBD
14.25 - 15.40 [Surya Singh](#)
Title TBD

Closing