

Seminar: Friday 30 August 2013: Monash Undergraduate Research Projects Abroad (MURPA) and Queensland Undergraduate Research Projects Abroad (QURPA).

Melbourne Date: Friday 30 August Time: 9.00 - 10.00am Location - Monash University: Seminar Room G12A, Building 26, Clayton Campus Enquiries: Caitlin Slattery (Faculty of IT)

Brisbane Date: Friday 30 August Time: 9.00 - 10.00am Location - University of Queensland: Seminar Room 505A, Building 47 (Axon), St Lucia Campus Enquiries: Sharon Cook (Research Computing Centre)

San Diego Date: Thursday 29 August Time: 7.00pm - 8.00pm

Abstract: Big Data Analytics: When Research Meets Reality

Dr Shonali Krishnaswamy, Associate Professor, Faculty of Information Technology, Monash University. Deputy Head, Data Mining Department, Institute for Infocomm Research (I2R), Singapore.

The key focus of this talk is to discuss the intersection of research and real-world applications in the area of Big Data Analytics. This talk will present a diverse range of analytics problems and research issues in areas such as Finance, Manufacturing, Smart Energy, Smart Water Transportation, and Healthcare. The talk will then present how fundamental research is essential to address some of the significant data analytics challenges that are currently being faced by numerous industry sectors.

The Institute for Infocomm Research (I2R) is a Singapore government funded research institute within the Agency for Science, Technology and Research (A*STAR). The Data Analytics Department at I2R undertakes both fundamental and applied research in areas such as Machine Learning, Text Mining, Semantic Computing, Data Management and Distributed Analytics. The department has around 40 data scientists and engages with a number of industry collaborators both in Singapore and internationally. I2R provides funding for student internships at under-graduate, post-graduate and doctoral levels.

The talk will also present potential topics for MURPA / QURPA students undertake projects at I2R