



**Organisers: Professor Veena Sahajwalla, Associate Dean Strategic Industry Relations
Ultra Benton, Industry Relations and Communications Manager**

Hosted by: Professor Bruce Henry, Head of School of Mathematics and Statistics

Date: Tuesday, 1st of July 2014
Time: 8:45 – 5:30 pm
Venue: Colombo LG02, Building B16, UNSW Australia
Enter campus via Gate 4, High Street

For more information contact Ultra Benton

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Venue: Colombo LG02, Building B16

Time	Name and Title of Presentation	Affiliation
8:45	Registration and Coffee	
9:00 – 9:05	Welcome: Professor Veena Sahajwalla	Faculty of Science
9:05 – 9:15	Opening Address: Prof Bruce Henry	
	<i>Session Chair:</i> Prof Bruce Henry	
9:15 - 9:35	<i>Keynote address:</i> Dr Mike Briers, Group CEO, SIRCA <i>Title: Big Data Applications in Business, Government and Science</i>	SIRCA
9:35 – 9:55	Dr Dario Garcia, Senior Data Scientist (15 minutes) <i>Title: Joint research opportunities in data science at CBA</i>	CBA
9:55–10:15	Prof Pierre Del-Moral <i>Title: Particle methods in statistical learning and risk analysis</i>	School of Mathematics and Statistics
10:15- 10:35	Dr Quoc Thong Le Gia <i>Title: Big data on the unit sphere</i>	School of Mathematics and Statistics
10:35 –11:00	Morning Tea	
	<i>Session Chair:</i> Maurice Pagnucco	
11:00 – 11:20	Vincent Cotte, Senior Regional Product Marketing Manager <i>Title: Big Data: Changing the Way you Live</i>	SAS
11:20 – 11:35	A/Prof Scott Sisson <i>Title: Statistical Modelling of Big Data using Symbolic data</i>	School of Mathematics and Statistics
11:35 – 11:55	Prof Xuemin Lin, Database Research Group (15 minutes) <i>Title: Big Data Processing</i>	School of Computer Science Engineering
11:55 – 12:15	Dr. Srikumar Venugopal <i>Title: Scalable Data Analysis for Metagenomics using MapReduce</i>	School of Computer Science Engineering
12:15 – 12:35	Prof Fethi Rabhi, Program Director <i>Title: Financial Event Data Analysis</i>	School of Computer Science Engineering
12:35 – 1:35	Lunch	
	<i>Session Chair:</i> Professor Veena Sahajwalla	
1:35 – 1:55	Dr Justin Beck <i>Title: Big Data in a Defence Environment</i>	DSTO
1:55 – 2:15	Dr Mike Bain <i>Title: AI and understanding of Big Data</i>	School of Computer Science Engineering
2:15 – 2:30	A/Prof Wei Wang (15 minutes) <i>Title: Data Quality</i>	School of Computer Science Engineering
2:30 – 2:45	Prof Robert Kohn (15 minutes) <i>Title: Speeding up Bayesian computation by efficient subsampling</i>	School of Economics
2:45 – 3:15	Afternoon Tea	
	<i>Session Chair:</i> Prof Robert Kohn	
3:15 – 3: 35	A/Prof Wayne Wobcke <i>Title: Creating Value from Data: Navigating the "Big Data" Swamp</i>	
3:35 – 3:55	Prof Siaw-Teng Liaw <i>Title: Data quality assessment and governance of routinely collected data in primary care electronic health records</i>	UNSW Medicine School of Public Health & Community Medicine
3:55 – 4:15	Prof Pradeep Kumar Ray, Director, WHO Collaborating Centre on eHealth <i>Title: Big data in Ubiquitous Healthcare</i>	Asia-Pacific ubiquitous Healthcare research Centre (APuHC), ASB/CSE
4:15 – 4:20	<i>Closing remarks:</i> Professor Bruce Henry <i>Thank you:</i> Professor Veena Sahajwalla	
4:20– 5:30pm	Networking session	