

**The 8<sup>th</sup> Australasian Data Mining Conference  
Melbourne, Australia**

<b>Monday/Tuesday 30 Nov/1 Dec</b>		<b>Wednesday 2 Dec</b>	<b>Thursday 3 Dec 09</b>	<b>Friday 4 Dec 09</b>
<b>Conference Registration</b>				
AI09, ACISS and ACAL Workshops  ACISS Tutorials  NOTE: Workshops and Tutorials require additional registration.	<b>9.00 – 9.50</b>	<b>Keynote Address 1 (Prof. Mark Bedau)</b>	<b>Keynote Address 4 (Prof. Kate Smith-Miles)</b>	<b>Keynote Address 7 (Prof. Andries P. Engelbrecht)</b>
	<b>9.50 – 10.40</b>	Pattern Mining I	Applications I	Complex Data Mining
	<b>10.40 am</b>	<i>Tea break</i>	<i>Tea break</i>	<i>Tea break</i>
	<b>10.50 – 12.05</b>	Clustering	Applications II	Graph Mining
	<b>12.05 – 12.55</b>	<b>Keynote Address 2 (Dr Ross Gayler)</b>	<b>Keynote Address 5 (Assoc Prof Jian Pei)</b>	
	<b>12.55 – 2.10</b>	<i>Break</i>	<i>Break</i>	<i>Break</i>
	<b>2.10 – 3.00</b>	<b>Keynote Address 3 (Prof. Ian Witten)</b>	<b>Keynote Address 6 (Prof. Eamonn Keogh)</b>	Kaggle Presentation
	<b>3.00 – 4.15</b>	Pattern Mining II	Time Series Mining	
	<b>4.15 pm</b>	<i>Tea break</i>	<i>Tea break</i>	<b>Conference Concludes</b>
	<b>4.25 – 5.40</b>	Visual Analytics	AusDM Competition Presentation	
<b>6.00 pm</b>	<b>AI/AusDM Dinner</b>	<b>ACAL Dinner</b>		

Session	Wednesday 2 <sup>nd</sup> December
8.50 – 9.00	AusDM 2009 Welcome
9.00 – 9.50	<b>Keynote 1:</b> Prof. Mark Bedau
	<b>Pattern Mining I</b>
9.50 – 10.15	Efficiently Mining Frequent Subpaths <i>Sumanta Guha</i>
10.15 – 10.40	Distributed Association Rule Mining with Minimum Communication Overhead <i>Md. Golam Kaosar, Zhuojia Xu, Xun Yi</i>
10.40 – 10.50	<b>Tea Break</b>
	<b>Clustering</b>
10.50 – 11.15	Applying Clustering and Ensemble Clustering Approaches to Phishing Profiling <i>Dean Webb, John Yearwood, Peter Vamplew, Liping Ma, Bahadoreza Ofoghi, Andrei Kelarev</i>
11.15 – 11.40	Clustering Interval-valued Data Using an Overlapped Interval Divergence <i>Yongli Ren, Yu-Hsn Liu, Jia Rong, Robert Dew</i>
11.40 – 12.05	Reference Point Transformation for Visualization <i>Cheng Weng, Josiah Poon</i>
12.05 – 12.55	<b>Keynote 2:</b> Dr Ross Gayler
12.55 – 14.10	<b>Break</b>
14.10 – 15.00	<b>Keynote 3:</b> Prof. Ian Witten
	<b>Pattern Mining II</b>
15.00 – 15.25	FlowRecommender: A Workflow Recommendation Technique for Process Provenance <i>Ji Zhang</i>
15.25– 15.50	Negative-GSP: An Efficient Method for Mining Negative Sequential Patterns <i>Zhigang Zheng, Yanchang Zhao, Longbing Cao</i>
15.50 – 16.15	Non-Redundant Rare Itemset Generation <i>Yun Sing Koh, Russel Pears</i>
16.15 – 16.25	<b>Tea Break</b>
16.25 – 16.50	
16.50 – 17.15	Visual Analytics Discussion <i>Led by Associate Professor Seok-Hee Hong.</i>
16.15 – 17.40	

Session	Thursday 3rd December
9.00 – 9.50	<b>Keynote 4:</b> Prof. Kate Smith-Miles
	<b>Applications I</b>
9.50 – 10.15	Monetising User Generated Content on YouTube <i>Yu-Hsn Liu, Yongli Ren, Robert Dew</i>
10.15 – 10.40	QUEST: Discovering Insights from Survey Responses <i>Girish Palshikar, Shailesh Deshpande, Savita Bhat</i>
10.40 – 10.50	<b>Tea Break</b>
	<b>Applications II</b>
10.50 – 11.15	Discovering Inappropriate Billings with Local Density-based Outlier Detection Method <i>Yin Shan, D. Wayne Murray, Alison Sutinen</i>
11.15 – 11.40	Predictive Analytics That Takes in Account Network Relations: A Case Study of an Enterprise University <i>Ekta Nankani, Simeon Simoff</i>
11.40 – 12.05	Kernel-based Principal Components Analysis on Large Telecommunication Data <i>Takeshi Sato, BingQuan Huang, Guillem Lefait, Tahar Kechadi, Brian Buckley</i>
12.05 – 12.55	<b>Keynote 5:</b> Assoc Prof Jian Pei
12.55 – 14.10	<b>Break</b>
14.10 – 15.00	<b>Keynote 6:</b> Prof. Eamonn Keogh
	<b>Time Series</b>
15.00 – 15.25	SparseDTW: A Novel Approach to Speed up Dynamic Time Warping <i>Ghazi Al-Naymat, Sanjay Chawla, Javid Taheri</i>
15.25– 15.50	HDAX: Historical Symbolic Modelling of Delay Time-Series in a Communications Network <i>Hooman Homayounfard, Paul Kennedy</i>
15.50 – 16.15	A Query Based Approach for Mining Evolving Graphs <i>Andrey Kan, Jeffrey Chan, James Bailey, Christopher Leckie</i>
16.15 – 16.25	<b>Tea Break</b>
	<b>AusDM Competition Presentation</b>
16.25 – 16.50	Second Runner Up
16.50 – 17.15	First Runner Up
16.15 – 17.40	Champion

Session	Friday 4th December
9.00 – 9.50	<b>Keynote 7:</b> Prof. Andries P. Engelbrecht
	<b>Complex Data</b>
9.50 – 10.15	Mining Minimal Constrained Flow Cycles from Complex Transaction Data <i>Meng Xu, Michael Bain</i>
10.15 – 10.40	Studying Genotype-Phenotype Attack on k-Anonymised Medical and Genomic Data <i>Muzammil Mirza Baig, Jiuyong Li, Jixue Liu, Hua Wang</i>
10.40 – 10.50	<b>Tea Break</b>
	<b>Graph Mining</b>
10.50 – 11.15	Building a Generic Graph-based Descriptor Set for Use in Drug Discovery <i>Phillip Lock, Nicolas Le Mercier, Jiuyong Li, Markus Stumptner</i>
11.15 – 11.40	Single Document Semantic Spaces <i>Jorge Villalon, Rafael Calvo</i>
11.40 – 12.05	Efficient Mining of Top-k Breaker Emerging Subgraph Patterns form Graph Data <i>Min Gan, Honghua Dai</i>
12.05 – 12.30	Edge Evaluation in Bayesian Network Structures <i>Saaid Baraty, Dan Simovici</i>
12.30 – 14.10	<b>Break</b>
14.10 – 15.00	Presentation on Kaggle.com <i>Anthony Goldbloom</i>
15.00 – 15.25	AusDM Closing
<b>Conference Ends</b>	