11th Australasian Data Mining Conference (AusDM 2013)

Canberra, Australia,
13–15 November 2013

AusDM
Data Mining & Analytics

http://ausdm13.togaware.com/

Data mining, the art and science of intelligent analysis of (usually large) data sets for meaningful (and previously unknown) insights, is now being actively applied in industries including defence, medicine, science, financial services, customer analytics, government, insurance, telecommunications, retail and distribution, transportation, and utilities.

The Australasian Data Mining Conference has established itself as the premier Australasian meeting for both practitioners and researchers in data mining. Since AusDM'02 the conference has showcased research in data mining, providing a forum for presenting and discussing the latest research and developments. Since 2006, all proceedings have been printed as volumes in the CRPIT series.

This year's conference, AusDM'13, co–hosted with the Asian Conference on Machine Learning (ACML, http://acml2013. conference.nicta.com.au/), builds on this tradition of facilitating the cross-disciplinary exchange of ideas, experience and potential research directions. Specifically, the conference seeks to showcase: Industry Case Studies; Research Prototypes; Practical Analytics Technology; and Research Student Projects. AusDM'13 will be a meeting place for pushing forward the frontiers of data mining in industry and academia.

Publication and topics

We are calling for papers, both research and applications, and from both academia and industry, for presentation at the conference. All papers will go through double–blind, peer–review by a panel of international experts. Accepted papers will be published in an up–coming volume (Data Mining and Analytics 2013) of the Conferences in Research and Practice in Information Technology (CRPIT) series by the Australian Computer Society which is also held in full–text on the ACM Digital Library and will also be distributed at the conference. For more details on CRPIT please see http://www.crpit.com. Please note that we require that at least one author for each accepted paper will register for the conference and present their work. Selected papers will be invited to extend to publish in Journal of Research and Practice in Information Technology (http://www.jrpit.com).

AusDM invites contributions addressing current research in data mining and knowledge discovery as well as experiences, novel applications and future challenges. Topics of interest include, but are not restricted to:

- Applications and Case Studies — Lessons and Experiences
- Biomedical and Health Data Mining
- Business Analytics
- Computational Aspects of Data Mining
- Data Integration, Matching and Linkage
- Data Mining Education
- Data Preparation, Cleaning and Preprocessing
- Data Stream Mining
- Evaluation of Results and their Communication
- Implementations of Data Mining in Industry
- Integrating Domain Knowledge
- Link, Graph, Network and Process Mining
- Multimedia Data Mining
- New Data Mining Algorithms
- Professional Challenges in Data Mining
- Privacy-preserving Data Mining
- Spatial and Temporal Data Mining
- Text Mining and Web Mining
- Visual Analytics

Keynote speakers

As is tradition for AusDM we have lined up an excellent keynote speaker program. Each speaker is a well known research and/or practitioner in data mining and related disciplines. The keynote program provides an opportunity to hear from some of the world's leaders on what the technology offers and where it is heading.

An international academic keynote presentation will be shared with the ACML conference. The two industry keynotes at AusDM 2013 will be:

- Klaus Felsche, Director Intent Management and Analytics at the Department of Immigration and Citizenship.
  Title: *TBC*
- Dr Paul Wong, Director, Office of Research Excellence, The Australian National University.
  Title: *TBC (Predictive Network Analytics for Government Research Planning)*

Submission of papers

We invite two types of submissions for AusDM 2013:

- **Academic submissions**: Normal academic submissions reporting on research progress, with a paper length of between 8 and 12 pages in CRPIT style, as detailed below. Academic submissions we will use a double-blinded review process, i.e. paper submissions must NOT include authors names or affiliations (and also not acknowledgements referring to funding bodies). Self-citing references should also be removed from the submitted papers (they can be added on after the review) for the double blind reviewing purpose.

- **Industry submissions**: Submissions from governments and industry can report on specific data mining implementations and experiences. Submissions in this category can be between 4 and 8 pages in CRPIT style, as detailed below. These submissions do not need to be double-blinded. A special committee made of industry representatives will assess industry submissions.

Paper submissions are required to follow the general format specified for papers in the CRPIT series by the Australian Computer Society. Submission details are available from `http://crpit.com/AuthorsSubmitting.html`. LaTeX styles and Word templates may be found on this site. LaTeX is the recommended typesetting package.

The electronic submissions must be in PDF only, and made through the AusDM'13 Submission Page, which will be available at `http://ausdm13.togaware.com/`.

Important Dates

Submission of full papers	**NEW extended:** Wednesday 31 July 2013 (midnight PST)
Notification of authors	1 September 2013
Final version and author registration	1 October 2013
Conference	13–15 November 2013

Organising Committee

Program Chairs (Academic)	Kok–Leong Ong, Deakin University, Melbourne
	Lin Liu, University of South Australia, Adelaide
Program Chair (Industry)	Yanchang Zhao, Department of Immigration & Citizenship, Australia; and RDataMining.com
Conference Chairs	Peter Christen, The Australian National University, Canberra
	Paul Kennedy, University of Technology, Sydney
Sponsorship Chair	Andrew Stranieri, University of Ballarat, Ballarat
Steering Committee Chairs	Simeon Simoff, University of Western Sydney
	Graham Williams, Australian Taxation Office
Other Steering Committee Members	Peter Christen, The Australian National University, Canberra
	Paul Kennedy, University of Technology, Sydney
	Jiuyong Li, University of South Australia, Adelaide
	Kok–Leong Ong, Deakin University, Melbourne
	John Roddick, Flinders University, Adelaide
	Andrew Stranieri, University of Ballarat, Ballarat
	Geoff Webb, Monash University, Melbourne

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