



Tenth Australasian Data Mining Conference (AusDM 2012)

Sydney, Australia,
5–7 December 2012



<http://ausdm12.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. A book (Data Mining: Theory, Methodology, Techniques, and Applications, LNCS 3755 / 2006) has been published by Springer in their State-of-the-Art Lecture Notes in Computer Science series, based on research papers from the recent conferences and, since 2006, all proceedings have been printed as volumes in the CRPIT series.

This year's conference, AusDM'12, co-hosted with the Australian Joint Conference on Artificial Intelligence, 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'12 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 2012) 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.acs.org.au/jrpit/JRPITEditors.html>).

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
- Data Integration, Matching and Linkage
- Data Preparation, Cleaning and Preprocessing
- Data Stream Mining
- Evaluation of Results and their Communication
- Link, Graph, Network and Process Mining
- Multimedia Data Mining
- New Data Mining Algorithms
- Privacy-preserving Data Mining
- Spatial and Temporal Data Mining
- Text Mining and Web Mining
- Visual Analytics



Submission of papers

The length of the submissions is not restricted. We encourage submissions of 6–10 pages. 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.

Paper submissions are required to follow the general format specified for papers in the CRPIT series by the Australian Computer Society. Details are available from <http://crpit.com/AuthorsSubmitting.html>. LaTeX styles and Word templates may be found on this site. LaTeX is the suggested typesetting package. The electronic submissions should be in PDF and made through the AusDM'12 Submission Page, which will be available at <http://ausdm12.togaware.com/>.

Important Dates

Submission of full papers	August 31, 2012 (midnight PST)
Notification of authors	October 1, 2012
Final version and author registration	October 15, 2012
Conference	December 5–7, 2012.

Organising Committee

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