

ADMTA 2016

Special Session on Advanced Data Mining Techniques and Applications

at the 8th Asian Conference on Intelligent Information and Database Systems (ACIIDS 2016)

Da Nang, Vietnam, March 14-16, 2016

Conference website: <http://www.aciids.pwr.edu.pl/>

Special Session Organizers

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Objectives and topics

Over the past few years, research and development in data mining has made great progress. Many successful applications have been reported in journals and conferences. In general, data mining systems typically help businesses to expose previously unknown patterns in their databases. It has now been recognized that mining for information and knowledge from large databases and documents will be the next revolution in database systems. It is considered very important to major cost savings and potential revenue increase with immediate applications in business, decision systems, information management, communication, scientific research and technology development. Advanced data mining techniques have recently been developed rapidly. More and more sophisticated techniques, such as variants of association rules and sequent patterns, fuzzy data mining, genetic algorithms applied to data mining, utility mining etc. have been proposed and many of them have already been deployed in many real-world applications. The major goal of this special session is to bring together the researchers in the data mining field to illustrate its pressing actual needs, demonstrate challenging research issues, and exchange the state-of-the-art research and development. The scope of the ADMTA 2016 includes, but is not limited to the following topics:

- Association Rules,
- Classification Systems,
- Clustering,
- Utility Mining,
- Stream Mining,
- Temporal Mining,
- Spatial Mining,
- Features Selection for Data Mining,
- Rough Set Applied to Data Mining,
- Fuzzy Set Applied to Data Mining,
- Genetic Algorithms Applied to Data Mining,
- Neural Network Applied to Data Mining,
- Applications of Data Mining,
- Other New Approaches to Data Mining.

Important dates

Submission of papers: **15 October 2015**
Notification of acceptance: **15 November 2015**
Camera-ready papers: **1 December 2015**
Registration & payment: **1 December 2015**
Conference date: **14-16 March 2016**

Program Committee (to be invited)

Bay Vo, Ton Duc Thang University, Vietnam
Tzung-Pei Hong, National University of Kaohsiung, Taiwan
Bac Le, University of Science, VNU-HCM, Vietnam
Chun-Hao Chen, Tamkang University, Taiwan
Chun-Wei Lin, Harbin Institute of Technology Shenzhen Graduate School, China
Wen-Yang Lin, National University of Kaohsiung, Taiwan
Yeong-Chyi Lee, Cheng Shiu University, Taiwan
Le Hoang Son, University of Science, Ha Noi, Vietnam
Le Hoang Thai, University of Science, Ho Chi Minh City, Vietnam
Vo Thi Ngoc Chau, Ho Chi Minh City University of Technology, Ho Chi Minh City, Vietnam
Van Vo, Ho Chi Minh University of Industry, Ho Chi Minh City, Vietnam

Submission

All contributions should be original and not published elsewhere or intended to be published during the review period. Authors are invited to submit their papers electronically in pdf format, through EasyChair. All the special sessions are centralized as tracks in the same conference management system as the regular papers. Therefore, to submit a paper please activate the following link and select the track: **ADMTA 2016: Special Session on Advanced Data Mining Techniques and Applications.**

<https://www.easychair.org/conferences/?conf=aciids2016>

Authors are invited to submit original previously unpublished research papers written in English, of up to 10 pages, strictly following the LNCS/LNAI format guidelines. Authors can download the Latex (recommended) or Word templates available at [Springer's web site](#). Submissions not following the format guidelines will be rejected without review. To ensure high quality, all papers will be thoroughly reviewed by the ADMTA 2016 Program Committee. All accepted papers must be presented by one of the authors who must register for the conference and pay the fee. The conference proceedings will be published by Springer in the prestigious series LNCS/LNAI (indexed by ISI CPCI-S, included in ISI Web of Science, EI, ACM Digital Library, dblp, Google Scholar, Scopus, etc.).