

ADMTA 2022

Special Session on Advanced Data Mining Techniques and Applications

at the 14th Asian Conference on Intelligent Information and Database Systems (ACIIDS 2022)

Almaty, Kazakhstan, June 6-9, 2022

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 2019 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 November 2021
Notification of acceptance:	31 December 2021
Camera-ready papers:	15 January 2022
Registration & payment:	1 February 2022
Conference date:	6-9 June 2022

Program Committee (to be invited)

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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 2022: Special Session on Advanced Data Mining Techniques and Applications.**

<https://easychair.org/conferences/?conf=aciids2022>

Authors are invited to submit original previously unpublished research papers written in English, of up to 12 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 2022 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.).