

DSCI 2018

Special Session on Data Science and Computational Intelligence

at the 10th Asian Conference on Intelligent Information and Database Systems (ACIIDS 2018)

Dong Hoi City, Vietnam, March 19-21, 2018

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

Special Session Organizers

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Objectives and topics

Data Science and Computational Intelligence have gained attention of scientific and business community over the last decade. A large number of research and applications have been theoretically and empirically focused in order to gain pattern of knowledge and understand the knowledge hidden behind the abundant enormous data. The algorithms of the Data Science and Computational Intelligence (DSCI) have found their applications in various real world problems such as retail stores, bioinformatics, image classification, weather forecast, etc. The DSCI 2018 Special Session at the 10th Asian Conference on Intelligent Information and Database Systems (ACIIDS 2018) is devoted to the data science and computational intelligence methods addressing classification, prediction, clustering, statistics and optimization problems and their applications to both small and big data sets. We want to offer an opportunity for researchers and practitioners to identify new promising research directions as well as to publish recent advances in this area. The scope of the DSCI 2018 includes, but is not limited to the following topics:

- Advanced data analytical models and applications
- Text mining and web mining
- Social networks and social medias analysis
- Computer vision, image mining, and multimedia mining
- Hybrid methods in classification and clustering
- Big data management and analysis
- Machine learning for data science
- Deep learning analysis and applications
- Natural language processing, translation, and interpretation
- Spatial data and geographical data analysis
- Medical data and image analysis
- Analysis and applications of Bioinformatics
- Statistical model analysis and applications
- Business analytics modelling and applications
- Speech, voice, and music analysis

Important dates

Submission of papers: **31 October 2017 (Extended - FIRM DEADLINE)**

Notification of acceptance: **1 December 2017**

Camera-ready papers: **15 December 2017**

Registration & payment: **15 December 2017**

Conference date: **19-21 March 2018**

Program Committee

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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: ***DSCI 2018: Special Session on Data Science and Computational Intelligence***.

<https://easychair.org/conferences/?conf=aciids2018>

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 DSCI 2018 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.).