

CyberSciTech 2016 Special Session Call for Papers

Special Session on Cyber Data Mining for Natural Language Processing (CDM4NLP)

Auckland, New Zealand, August 8-12,
2016 <http://cyberscitech.net/2016/special-sessions/>

Aims and Scope

In the past several years, we have seen dramatic advancement in many applications enabled by the use of data mining and natural language processing technologies, as well as computational intelligence algorithms and computing methodologies.

This special session, focusing on **Data Mining and Its Applications in Natural Language Processing**, aims to bring together researchers and engineers from all related areas to disseminate their findings and foster a community to exchange ideas and seek potential collaborations, so as to further the advancement of the state of the art of these emerging paradigms and technologies.

This special session will be held in conjunction with CyberSciTech 2016 (2016 IEEE Cyber Science and Technology Congress, Auckland, New Zealand, August 8-12, 2016).

Topics

This special session solicits original, unpublished papers (including work-in-progress short papers, position papers) on the research and development closely related to data mining and its applications in natural language processing. Topics of interest include, but not limited to:

- Data mining methodology, data mining model selection
- Distributed data mining and machine learning platforms and algorithms
- Novel statistical techniques for big data
- Document analysis including text categorization, topic models, and retrieval
- Information extraction, text mining, and question answering
- Phonology, morphology, and word segmentation
- Knowledge Discovery, Ontology and Semantic Web
- Sentiment analysis and opinion mining
- Semantic social network analysis
- Data Mining

We also welcome submissions of papers describing research and implementations of data mining/data analytics/big data/data science solutions and systems for practical tasks and practical settings.

Important Dates

Submission due: April 15, 2016
Acceptance notification: May 15, 2016
Camera-ready manuscript due: May 31, 2016

Special Session Organizers

Lirong Qiu, Minzu University of China, Beijing

Submission & Publication

Interested authors can submit full technical papers or work-in-progress/position short paper with 4 to 6 pages. All submissions should follow the IEEE CS format. Accepted and presented papers will be published in the proceedings of CyberSciTech 2016 by IEEE CPS (IEEE Digital Library and EI-indexed). At least one author of each accepted paper is required to register and present their work at CyberSciTech 2016. Otherwise the paper will not be included in the proceedings.

Selected excellent papers, after further extension and revision, will be recommended to special issues of prestige international journals (SCI/EI indexed).

Contact Information

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