

The 17th International Conference on Intelligent Data Engineering and Automated Learning

October 12-14, 2016, Yangzhou, Jiangsu, China

The *International Conference on Intelligent Data Engineering and Automated Learning (IDEAL)* is an annual international conference dedicated to emerging and challenging topics in intelligent data analysis, data mining and their associated learning systems and paradigms. The conference provides a unique opportunity and stimulating forum for presenting and discussing the latest theoretical advances and real-world applications in Computational Intelligence and Intelligent Data Analysis. Authors and researchers are warmly invited to submit their latest findings and research work to the conference. Potential session/workshop organizers are invited to enlist potential papers in a cohesive topic for their special session(s)/workshops. Proposals and enquiries can be sent to the Programme Co-Chair, Frank Klawonn (f.klawonn@ostfalia.de). Accepted papers presented at the conference will be included in the Proceedings of IDEAL 2016, to be published by Springer in its LNCS series, which is indexed in EI. In addition, selected papers will be invited for special issues in several leading international journals in the field, including the International Journal of Neural Systems (IJNS) (2014 Impact Factor 6.507), Journal of Data Science and Analytics, etc. Its core themes include:

- Big Data challenges,
- Machine Learning,
- Data Mining,
- Information Retrieval and Management,
- Bio- and Neuro-Informatics,
- Bio-Inspired Models (including Neural Networks, Evolutionary Computation and Swarm Intelligence),
- Agents and Hybrid Intelligent Systems,
- Real-world Applications of Intelligent Techniques,
- Other related and emerging themes and topics.

Important Dates:

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| Paper Submission Deadline: | 10 June, 2016. | Special Session/Workshop Proposals Deadline: | 31 May, 2016. |
| Notification of Acceptance: | 30 June, 2016. | Camera-Ready Copy Due: | 15 July, 2016. |
| Early Registration: | 6 July, 2016. | Conference Presentation: | 12-14 October, 2016. |

Paper Submission:

Conference Website: <http://ideal2016.yzu.edu.cn/index.html> Submission System: <https://easychair.org/conferences/?conf=ideal2016>. Authors are invited to submit their manuscripts (in pdf format) written in English by the deadline via the conference online submission system (available in due time). All contributions must be original, should not have been published elsewhere and must not be submitted elsewhere during the review period. Papers should be within 8 pages but must not exceed 10 pages, and must comply with the format of Springer LNCS/LNAI Proceedings.

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