

OSD 2016

Special Session on Ontology-Based Software Development

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

In couple of last years, ontologies have become popular in several fields of information technologies like software engineering and database design, especially in building domain models. As ontologies describe major concepts and terms in specific domain they could be perceived as the main source of domain knowledge. This knowledge could be extracted for the purpose of software development. Ontologies could also help in organizing the development process itself. Additionally, they could be used as a base for validation of different software development artefacts. The OSD 2016 Special Session at the 8th Asian Conference on Intelligent Information and Database Systems (ACIIDS 2016) is devoted to explain the role ontologies, written at different abstraction levels, they could play in software engineering in general, and in software development in particular. The scope of the OSD 2016 includes but is not limited to the following topics:

- Application of ontologies in software development
- Ontology-driven software development
- Ontology data mining
- Ontology creation on the basis of existing artefacts
- Ontology evaluation
- Software quality assessment with the use of ontologies
- Ontology engineering
- Case studies involving ontologies

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

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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: **OSD 2016: Special Session on Ensemble Approach to Machine Learning.**

<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 OSD 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.).