



The 7th International Conference on Knowledge Science, Engineering and Management KSEM 2014 16–18 October 2014, Sibiu, Romania

Call for Papers

KSEM is an international conference for research on knowledge science, engineering and management, which attracts numerous high quality, state-of-the-art research papers from all over the world. The conference provides a forum for researchers, practitioners and developers where they can share views, present ideas and original work, providing new insights into KSEM-related areas. KSEM 2014 will be held in Sibiu, Romania, and is the seventh in the conference series, following six successful events in Guilin, China (KSEM 2006), Melbourne, Australia (KSEM 2007), Vienna, Austria (KSEM 2009), Belfast, Northern Ireland (KSEM 2010), Irvine, USA (KSEM 2011) and Dalian, China (KSEM 2013). You are invited to submit papers on the following topics of interest:

Knowledge Science	Knowledge in Engineering	Knowledge Management
<ul style="list-style-type: none"> • Knowledge representation and reasoning • Formal analysis of knowledge • Reasoning about knowledge in the presence of inconsistency, incompleteness, context-dependency • Cognitive foundations of knowledge • Knowledge in complex systems and multi-agent systems • Logics of knowledge • Knowledge complexity and knowledge metrics • Commonsense knowledge and uncertainty in knowledge • Formal ontology • Big data analysis 	<ul style="list-style-type: none"> • Knowledge extraction • Knowledge integration • Knowledge-based software engineering • Knowledge-based systems in life sciences • Conceptual modeling in knowledge-based systems • Semantic database systems and semantic Web • Content engineering and ontological engineering • Implementation issues in KBS <ul style="list-style-type: none"> √ Service-oriented Knowledge Engineering √ Geo-knowledge Engineering 	<ul style="list-style-type: none"> • Knowledge creation and acquisition • Knowledge verification and validation • Knowledge dissemination • Knowledge management systems • Organizational ontology • Data mining and knowledge discovery • Organizational memory • Organizational learning • Knowledge management strategies and practices • Knowledge management applications <ul style="list-style-type: none"> √ Sustainable Knowledge Management √ Cloud Computing and Knowledge Management √ Green-IT Knowledge Management

The Venue

The Seventh Edition of the International Conference on Knowledge Science, Engineering and Management will be hosted in Sibiu (www.sibiu.ro). Situated in the heart of Transylvania, at the foothills of the Carpathians, Sibiu is one of the most important cultural centres of Romania and one of the most beautiful medieval towns in Transylvania. Due to its cultural richness along with its history, traditional values, architectural and geographical beauty, Sibiu was designated The European Capital of Culture for the year 2007 and, according to Forbes, it is one of Europe's „most idyllic places to live.

Today, “Lucian Blaga” University of Sibiu is proud to offer over 15,000 students a wide range of subjects, going from foreign languages to engineering sciences, and from economics to medical sciences. Our goal is to link and interconnect this impressive range of assets to create surplus value in the fields we promote. We are privileged to encourage the wish of knowledge improvement of the new generations and to assist and guide them through this qualitative process.

PUBLICATIONS

Proceedings

In accordance with the previous conferences, the KSEM 2014 proceedings will be published by the Springer-Verlag in the Lecture Notes in Artificial Intelligence (LNAI) series. The page limit is 12 pages in Springer LNCS format, including figures and references. The Author guidelines are available at <http://www.springer.com/computer/lncs/lncs+authors?SGWID=0-40209-0-0-0>

Special Issues

We intend to publish the high quality papers in special issues of the International Journal of Knowledge and Systems Science (IJKSS), International Journal of Software Engineering and Knowledge Engineering (IJSEKE) and others; further information about this to be provided on the website.

IMPORTANT DATES

Paper submission	15 April 2014
Author notification	15 June 2014
Registration / Camera-ready submissions	
Early bird	01 July 2014
Late registration	15 August 2014

Conference Chairs

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Dimitris Karagiannis
University of Vienna, Austria

Hui Xiong
Rutgers University, USA

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Information about the conference

Please visit the website: <http://conferences.ulbsibiu.ro/ksem2014>

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