

Call for Papers

9th International Conference on Knowledge Science, Engineering and Management – KSEM2016

5th-7th October 2016, Passau, Germany

<http://www.ksem2016.org>

KSEM 2016 will be the ninth conference in this series, which builds on the success of eight events of the International Conference on Knowledge Science, Engineering and Management in Guilin, China (KSEM 2006); Melbourne, Australia (KSEM 2007); Vienna, Austria (KSEM 2009); Belfast, UK (KSEM 2010); Irvine, USA (KSEM 2011); Dalian, China (KSEM 2013), Sibiu, Romania (KSEM 2014) and Chongqing, China (KSEM2015). The conference proceedings will be published by Springer.

The conference will provide space for discussion on scientific as well as practice-oriented contributions and promote the exchange of experiences, ideas and opinions among all participants. An important aim is to identify problems and topics with high practical relevance. The topics for submissions listed below are suggestions but are not limited to:

Knowledge Science

- Knowledge representation and reasoning
- Logics of knowledge
- Formal analysis of knowledge
- Knowledge complexity and knowledge metrics
- Reasoning about knowledge in the presence of inconsistency, incompleteness, context-dependency
- Cognitive foundations of knowledge
- Knowledge in complex systems and multi-agent systems

Knowledge Engineering

- 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

Knowledge Management

- Knowledge management concepts
- Knowledge management systems
- Knowledge management strategies
- Knowledge management success
- Knowledge Evaluation
- Organizational learning and organizational memory
- Knowledge management in small and medium sized enterprises
- Performance impact of knowledge management

Knowledge Services

- Knowledge as a service
- Knowledge service concepts
- Knowledge cloud
- Cloud-based KMS
- Knowledge service evaluation
- Knowledge service life-cycle
- Knowledge (service) markets
- Platforms and tools



Target Groups

This conference addresses participants from science and practice. Junior academics and researchers are cordially invited to submit contributions on the key subjects and issues mentioned above.

Important Dates

- Paper submission deadline **27th June, 2016**
- Reviews due **31st July, 2016**
- Paper acceptance notifications **8st August, 2016**
- Camera ready papers due **1st September, 2016**
- Early registration deadline **8th September, 2016**
- Poster contributions **18th September, 2016**
- **Conference** **5-7 October, 2016**

Paper submission

The conference will accept various contributions, which should be all submitted in English.

- **Scientific contributions** can comprise up to 12 pages including abstract, figures and references. Please include a 150 word abstract and 3-6 keywords. Submissions should conform with the formatting requirements of Springer LNCS (see <http://www.springer.de/comp/lncs/authors.html>) and will be reviewed by the program committee.
- **Practice-oriented contributions** can be submitted as short contribution (6 pages) or long contribution (12 pages).
- **Poster contributions** provide an opportunity to present papers and projects in the early stages of research to the conference community and to receive feedback from experts. Please submit a short description of maximum 2 pages for the conference brochure.

Please submit your contribution for peer-review via the conference management system EasyChair (<http://www.ksem2016.org>)

At least one author of each accepted contribution is expected to attend the conference and present his research results.

Conference Proceedings

The conference proceedings will be published by Springer in the LNAI series.

Practice-oriented contributions and poster contributions will be included in a conference brochure provided to all conference participants in print.



Location

The conference will take place at the University of Passau (<http://uni-passau.de/>).

The university buildings are easily accessible by car or public transport. Parking facilities are available nearby.

Organization and Coordination

Prof. Dr. Franz Lehner

University of Passau
Chair of Business Computing
Innstr. 43
94032 Passau, Germany
Phone: +49-851-509-2590
Email: franz.lehner@uni-passau.de



Dipl.-Wirtsch. Inf. Nora Fteimi

University of Passau
Chair of Business Computing
Innstr. 43
94032 Passau, Germany
Phone: +49-851-509-2593
Email: nora.fteimi@uni-passau.de



For general questions or suggestions please send an e-mail to ksem@ksem2016.org

Steering Committee

- **Yaxin Bi**, Ulster University, Belfast, UK
- **Cungen Cao**, Chinese Academy of Sciences, China
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