

FOnT'05

Foundational Aspects of Ontologies

September 11th, 2005



Call for Papers

A Workshop at the 28th German Conference on Artificial Intelligence, KI 2005, Koblenz, Germany.

Representing and reasoning with ontologies is the core technology for the Semantic Web, and is growing in importance in many other areas of Computer Science where structured and hierarchically organized knowledge is of importance. While the need for ontological knowledge representation formalisms for practical applications is abundant, it is apparent that only conceptually and mathematically sound frameworks can provide the means for a significant technological advance in this area.

Indeed, formal and foundational aspects of ontologies are being studied in many application domains in order to serve practical needs. It lies in the nature of such fundamental research that a critical mass of different formal perspectives can generate a cross-fertilization of ideas and applications. We therefore intend to bring together researchers working on foundational aspects of ontologies in different application areas, in order to stimulate an exchange of ideas and methods between the subcommunities. We believe that a significant advance in understanding and establishing sound formal foundations for applied ontology research can this way be made.

The workshop is intended for researchers which contribute to

- algebraic
- logical
- category-theoretic
- philosophical

and other foundations of ontology research.

Submission

We invite the submission of original papers that have not been submitted for review or been published elsewhere. Submitted papers must be written in English and should not exceed 15 pages. All submitted papers will be judged based on their quality, relevance, originality, significance, and soundness. Papers must be submitted directly by email in PDF format to hitzler@aifb.uni-karlsruhe.de. Accepted papers will be published in the workshop proceedings, which will be distributed during the workshop.

Important Dates

Deadline for submission: 10th of June, 2005

Notification of acceptance: 15th of July, 2005

Camera-ready paper due: 5th of August, 2005

Workshop day: 11th of September, 2005

KI 2005 main conference dates: 11th to 14th of September, 2005

Keynote speaker

Till Mossakowski, Department of Computer Science, Universität Bremen, Germany

Organizers

Pascal Hitzler, AIFB, Universität Karlsruhe, Germany

Carsten Lutz, Department of Computer Science, Technische Universität Dresden, Germany

Gerd Stumme, Department of Mathematics and Computer Science, Universität Kassel, Germany

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Claudio Masolo, ICST, Trento, Italy

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Marco Schorlemmer, CSCI Barcelona, Spain

Anthony K. Seda, University College Cork, Ireland

Sergio Tessaris, Università di Bolzano, Italy

Rudolf Wille, TU Darmstadt, Germany

Guo-Qiang Zhang, CWRU, Cleveland, USA

Additional Information

For additional information, see <http://www.aifb.uni-karlsruhe.de/WBS/phi/FOnT2005/>

General questions concerning the workshop should be addressed to hitzler@aifb.uni-karlsruhe.de.