

KEPT 2009

The Second International Conference Knowledge Engineering: Principles and Techniques



July 2-4, 2009

Babeş-Bolyai University,
Cluj-Napoca, Romania,

<http://www.cs.ubbcluj.ro/kept2009>



Organised by:

Computer Science Department,
Babeş-Bolyai University, Cluj-Napoca, Romania

General chairs:

Milton Frentiu (Babeş-Bolyai University)
Horia F. Pop (Babeş-Bolyai University)

Session chairs:

Doina Tatar (Babeş-Bolyai University)
Dan Dumitrescu (Babeş-Bolyai University)
Bazil Parv (Babeş-Bolyai University)
Florian Mircea Boian (Babeş-Bolyai University)
Stefan Nitchi (Babeş-Bolyai University)

Invited Lectures:

Diana Inkpen, University of Ottawa, Canada
Epaminondas Kapetanios, University of Westminster, UK
Helmuth Horacek, Saarland University, Germany
Laszlo Boszormenyi, University of Klagenfurt, Austria
Hermann Hellwagner, University of Klagenfurt, Austria
Alexander Pretschner, IESE&TU Kaiserslautern, Germany
Zoltan Horvath, Eotvos Lorand University, Hungary
Vasile Rus, University of Memphis, USA

Important Dates:

Deadline for Manuscript Submission: March 21, 2009
Notification of acceptance: April 15, 2009
Camera-ready copy due: May 10, 2009
Conference dates: July 2-4, 2009

Program committee

Ajith Abraham (Seoul University, Republic of Korea)
Florian Boian (Babeş-Bolyai University)
Alexandru Cicortas (West University of Timisoara)
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General information

Featuring the latest advances in theoretical and applied research, KEPT topics include current challenging issues in knowledge processing. KEPT aims at fostering interaction among the scientific communities of knowledge engineering, with the purpose of exhibiting interesting applications of these areas both in theory and in practice. In 2009, the event will take place in Cluj-Napoca, a traditional academic city in Romania, situated in the middle of Transylvania. KEPT 2009 will be hosted at Babeş-Bolyai University in Cluj-Napoca, one of the oldest universities in Romania.

Topics to be covered include, but are not limited to:

- **Knowledge in Computational Linguistics**
 - Linguistic tools in Information Retrieval/Information Extraction;
 - Machine learning for natural languages;
 - Text mining;
 - Multi-lingual processing, machine translation;
 - Theoretical and application-oriented subjects related to NLP.
- **Knowledge Processing and Discovery**
 - Natural Computing;
 - Meta-heuristics;
 - Machine learning;
 - Computational intelligence;
 - Agent based systems.
- **Knowledge in Distributed Computing**
 - Knowledge representation and processing;
 - Databases and Data Mining;
 - Web services, middleware and web technologies; semantic web;
 - Grid architecture;
 - Collaborative systems.
- **Knowledge in Software Engineering**
 - Software design;
 - Formal verification;
 - Automated reasoning;
 - Parallel and concurrent programming;
 - Ontologies.
- **Knowledge Processing in Economics**
 - Collaborative Decision Support Systems;
 - Knowledge acquisition and management in e-activities and m-activities;
 - Enterprise ontologies and content management;
 - Integrated software systems, ERPs and extensions;
 - Business Intelligence and Warehousing;
 - Knowledge Management in Small and Medium Size Enterprises;
 - Multi-agent Models in Knowledge Acquisition and Management.

Submission Procedure:

Prospective authors are invited to submit original papers electronically in PS, PDF or MSWord formats using the conference submission web site:

<http://www.easychair.org/conferences/?conf=kept2009> until March 31, 2009.

The extended abstract is limited to 4 pages and should follow the instructions and format available at <http://www.cs.ubbcluj.ro/kept2009/Style/Style.zip>. We will follow a rigorous reviewing process. Submission of a paper should be regarded as assurance that, should the paper be accepted, at least one of the authors will attend the conference to present it. Accepted papers will be published in the conference proceedings **After the conference, full versions of the papers, of no more than 12 pages, will be required to be submitted.** These new versions will be evaluated again by two independent reviewers and, if accepted, will be published as regular papers either in *Studia Universitatis Babeş-Bolyai, Series Informatica*, or in a higher level volume, currently under scrutiny. For further information please check the conference web site <http://www.cs.ubbcluj.ro/kept2009>, or contact:

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