CONTEXT '13

The Eighth International and Interdisciplinary Conference on Modeling and Using Context:
Context Modeling and Management in Real-World Applications

http://www.polytech.univ-savoie.fr/index.php?id=2215

Annecy, Haute-Savoie, France, October 28th – November 1st, 2013

CALL FOR PAPERS

Submission deadlines:

Full papers, posters, videos, and demonstration abstracts: June 1st, 2013
Workshop Proposals: March 30th, 2013

Sixteen years after the first Context conference 1997, **the Eighth International and Interdisciplinary Conference on Modeling and Using Context (CONTEXT'13)** sets out to extend foundational research on context and to evaluate the status and consequences of context, as well as to address new questions for the field. The main theme of the CONTEXT'13 is "Context Modeling and Management in real-world applications" to reflect both the fact that context research has found numerous successful applications in recent years and the fact that context modeling and management itself has become a key element in research and applications. For example, context-aware services can support their users unobtrusively and offer promising perspectives, say for cloud computing.

Yet, context management should also be a scientific tool for context-research itself. Context modeling and management offer new ways for studying and using powerful context-centered tools for supporting human reasoning during decision-making, diagnosis, interpretation, recognition, etc. Context modeling and management are the keystones of support systems that would be able to pretend to behave intelligent systems.

The Eighth International and Interdisciplinary Conference on Modeling and Using Context (CONTEXT'13) will provide a forum for presenting and discussing high-quality research and applications on context in an interdisciplinary way. The conference will include papers, posters, and video presentations, system demonstrations, workshops, and a doctoral consortium. The conference chairs invite researchers and practitioners to share insights and cutting-edge results from the wide range of disciplines concerned with context, including: Cognitive Sciences (Linguistics, Psychology, Computer Science, Neuroscience), computer science (artificial intelligence, logics, ubiquitous and pervasive computing, context-awareness systems), the Social Sciences and Organizational Sciences, the Humanities and all application areas, including Medicine and Law.

Areas of interest include but are not limited to the role of context in:

Ambient intelligence
Analogy and Case-Based Reasoning
Autonomous Agents and Agent-based Systems
Cognitive Modeling
Concepts and Categorization
Context architectures
Context-driven testing
Context mediated behavior
Context modeling tools
Context-Aware Services and Systems
Context-centered education
Context-Dependent Systems
Context-sensitive solutions
Contextual interfaces
Decision Support Systems
Distributed Information Systems
Experience management
Explanation & context
Formal Semantics and Pragmatics

Formal Ontology of Context Domains
Formal Theories of Context
Heterogeneous Information Integration
Human Decision-Making
Human-Centered Computing
Human-Computer Interaction
Innovation
Information management
Innovation & Context
Intelligent Tutoring Systems
Intelligent User Interfaces
Intelligent/Semantic Web Systems
Knowledge Engineering and Ontologies
Knowledge management
Knowledge Representation
Language Understanding and Production
Learning
Memory, Representation and Access

Multiagent Systems and Interagent Communication
Neuroscience
Organizational Theory and Design
Pervasive Computing
Perception
Philosophical Foundations of Context
Problem Solving and Planning
Quality of context
Reasoning
Relevance Computation and Relevance Theories
Sensor Networks and Sensing Systems
Situated and Distributed Cognition
Smart spaces
Ubiquitous Computing
User modeling
Web services

And applications like: Business, Education, Ecology and Environment, Economics and finance, Engineering, Image management, Interactive Installation, Games, Geographical Information Systems, Law, Linguistics, Management, Medicine and health care, Transportation, Robotics, etc.

CONFERENCE EVENTS

CONTEXT'13 will include paper presentation sessions, a poster and demonstration session, two days of workshops, and a doctoral consortium as well as keynote talks and a panel discussion. Workshops and the doctoral consortium will circulate separate calls for papers and participation, which will also be available at the conference web site.

ACCEPTANCE CRITERIA AND SUBMISSION CATEGORIES

CONTEXT welcomes original, high-quality research contributions that advance the state of the art in their field. Because CONTEXT'13 will be an interdisciplinary forum, all submissions will be evaluated not only for their technical merit but also for their accessibility to an interdisciplinary audience. Works that transcend disciplinary boundaries are especially encouraged.

Submissions may be for full papers, poster abstracts, videos with a video abstract, or demonstration abstracts. Full papers will be accepted either for oral presentation or for presentation at a poster session. All accepted full paper submissions will be published in the proceedings which appear as a volume of Springer Lecture Notes in Artificial Intelligence. Accepted posters and demonstrations will be presented at the poster session. Videos will be presented as part of the conference program. Poster presentations and videos will be published in a DVD with a e-ISBN distributed to attendees.

See detailed author instructions on the conference Web Site.

For a paper to appear in the proceedings, at least one author must register for the conference by the deadline for camera-ready copy.

SUBMISSION PROCEDURES

Papers must be submitted electronically as PDF files via the submission webpage. Submissions cannot exceed 14 pages in the Springer LNAI format. Detailed formatting and submissions instructions, as well as LaTeX and Word templates, can be accessed through the detailed author instructions.

Authors are encouraged to submit a video illustrating their research (experiment procedure, system prototype, etc.) and all accepted authors will have the option of presenting a system demonstration at the poster session. Authors wishing to present a demonstration/video without an accompanying paper must submit a demonstration/video abstract. Demonstration/video abstracts should describe cutting-edge research not described in paper submissions. Demonstration abstracts should summarize the system's behavior and significance, and should include at least one screen shot. If desired, they may also include the URL of an informal video on the web. Demonstration/video abstracts should be at most 2 pages long. Selected demo/video will be published on a CD or DVD.

See detailed author instructions.

MULTIPLE SUBMISSIONS POLICY

CONTEXT'13 will not accept any paper, which, at the time of submission, is under review for or has already been published or accepted for publication in a journal or another conference.

IMPORTANT DATES

Submission deadlines
Full papers, posters, videos, and demonstration abstracts	June 1st, 2013
Workshop proposals	March 30th, 2013
Workshop papers	August, 1st, 2013

Other important dates
Notification of authors	June 16th, 2013
Camera ready for the Conference	July 26th, 2013
Conference Workshops	October 1st, 2013
Main Conference	October 28th – November 1st, 2013

Contact persons
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