

Christoph Bussler

From: dbworld-bounces@cs.wisc.edu on behalf of Heri Ramampiaro [heri@idi.ntnu.no]
Sent: Friday, May 28, 2010 10:47 AM
To: dbworld@cs.wisc.edu
Subject: [Dbworld] CFP: CollaborateCom 2010 ** DEADLINE EXTENSION **

[APOLOGIES IN ADVANCE IF YOU RECEIVE SEVERAL COPIES OF THIS CALL]

COLLABORATECOM 2010

6th International ICST Conference on Collaborative Computing:
Networking, Applications and Worksharing

9-12 October 2010, Chicago, Illinois, USA

<http://www.collaboratecom.org>

CALL FOR PAPERS

SUBMISSION DEADLINE (EXTENDED): JUNE, 15 2010

SPONSORS

Sponsored by ICST
Technically co-sponsored by CREATE-NET
In technical cooperation with IEEE Computer Society (pending) Publication by IEEE

SCOPE

Over the last two decades, many organizations and individuals have relied on electronic collaboration between distributed teams of humans, computer applications, and/or autonomous robots to achieve higher productivity and produce joint products that would have been impossible to develop without the contributions of multiple collaborators. Technology has evolved from standalone tools to open systems supporting collaboration in multi-organizational settings, and from general purpose tools to specialized collaboration grids. Future collaboration solutions that fully realize the promises of electronic collaboration require advancements in networking, technology and systems, user interfaces and interaction paradigms, and interoperation with application-specific components and tools.

The 6th International ICST Conference on Collaborative Computing (CollaborateCom 2010) will continue to serve as a premier international forum for discussion among academic and industrial researchers, practitioners, and students interested in collaborative networking, technology and systems, and applications.

TOPICS

Topics include, but are not limited to, the following:

- * Architectures, protocols, and enabling technologies for collaborative computing networks and systems
- * Autonomic computing and quality of services in collaborative networks, systems, and applications
- * Collaboration in pervasive and cloud computing environments
- * Collaborative e-education, e-learning, and collaborative computing in large scale digital libraries

- * Collaborative mobile networks and infrastructures
- * Collaborative technologies for fast creation and deployment of new mobile services
- * Collaborative, location-aware mobile systems/applications
- * Collaboration techniques in data-intensive computing and cloud computing
- * Collaborative sensor networks, unmanned air and ground vehicle networks & applications
- * Collaborative, context-aware infrastructure
- * Collaborative social networks & web-based collaboration
- * Computer supported collaborative work with distributed systems
- * Distributed collaborative workflows
- * Data management and middleware support for collaborative information systems
- * Energy management for collaborative networks
- * Group-driven composition of systems from components
- * Human/robot collaboration
- * Human-centric ubiquitous collaboration
- * Methodologies and tools for design and analysis of collaborative user applications
- * Models & mechanisms for real-time collaboration
- * Multi-agent technology and software technologies for collaborative networking and applications
- * Peer-to-peer and overlay networks, systems and applications
- * P2P platforms for supporting collaboration
- * Security, privacy and trust management in collaborative networks, systems, and applications
- * Simulation, performance evaluation, experiments, and case studies of collaborative networks and applications
- * Software design, testing, and experimentation technology for collaborative networking and applications
- * Theoretical aspects of distributed collaboration
- * Theoretical foundations and algorithms for collaborative networks, applications, and worksharing
- * Tools for collaborative decision making processes
- * Trustworthy collaborative business processing in virtual organizations
- * Visualization techniques, interaction devices and visual languages for collaborative networks and applications
- * Web services technologies and service-oriented architectures for collaborative networking and applications

PUBLICATION

All accepted papers will be made available in IEEE Xplore. A special issue on CollaborateCom 2010 will be published in ACM/Springer MOBILE NETWORKS & APPLICATIONS (MONET). 4-6 papers on the themes related to MONET will be selected for publication in this issue.

Other journal venues are also being pursued.

SUBMISSION

We invite original research papers that have not been previously published and are not currently under review for publication elsewhere. Contributions addressing all areas related to collaborative networking, technology and systems, and applications are solicited. The submitted manuscript should closely reflect the final paper as it will appear in the Proceedings. Submitted papers should be 10 pages in two-column IEEE proceeding format.

All submitted papers and posters will be rigorously reviewed by technical program committee members and the reviewers they invite. All paper, poster, panel, and workshop submissions will be handled electronically. Please visit the conference website for detailed submission requirements and procedures.

WORKSHOPS

Proposals for half-day or full day workshops that focus on CollaborateCom 2010 related themes are solicited. Workshop proposals should be at most five pages, including a biographical sketch of each instructor, and submitted to the Workshop Chairs. Proposals will be evaluated based on the expertise and experience of the organizers and the relevance and importance of the subject matter.

POSTERS

The conference will include a poster session that highlights recent and ongoing research, experiments, and provocative ideas that have not been published elsewhere. Poster submissions will be reviewed and one page summaries of accepted posters will appear in the conference proceedings.

PANELS

Proposals for panel discussions that focus on future visions for collaborative networking, applications, and worksharing are preferred. Potential panel organizers should submit a panel proposal of at most five pages, including biographical sketches of the proposed panelists to the Panel Chairs.

TUTORIALS

Proposals for full and half-day tutorials are solicited. Tutorials are intended to enhance the technical program, and as such they should be relevant to collaborative computing, networking, worksharing, and applications. Potential tutorial presenters should submit a tutorial proposal of at most three pages, including: description of potential audience and background knowledge expected from the audience, if any; tutorial description; biographical sketch of presenter(s).

IMPORTANT DATES

We encourage that potential authors to submit their title and abstract beforehand.

Paper submission deadline: 15 June 2010

Posters and panel proposal submission deadline: 1 July 2010

Notification of acceptance: 1 August 2010

Camera-ready submission deadline: 15 August 2010

STUDENT TRAVEL GRANT

Thanks to our sponsors, 8 Student Travel Grant Awards will be available for graduate students.

Preference will be given to those presenting their work at the conference.

ORGANIZING COMMITTEE

General Chairs

James Joshi, University of Pittsburgh, USA

Karl Aberer, EPFL, Switzerland

Technical Program Chairs

Le Gruenwald, NSF/ University of Oklahoma, USA

Songqing Chen, George Mason University, USA

For a complete list of committee and board members, please visit
<http://www.collaboratecom.org/organization/orgcomm.php>

Please do not post msgs that are not relevant to the database community at large. Go to
www.cs.wisc.edu/dbworld for guidelines and posting forms.
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