



COLLABORATECOM 2008

The 4th International Conference on Collaborative Computing: Networking, Applications and Worksharing

Sponsored by, Create-Net and the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering

The Regal Sun Resort, Orlando, FL, USA, November 13-16, 2008

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July 31, 2008

Paper submission deadline

August 1, 2008

Posters and panel proposals
deadline

September 26, 2008

Notification of acceptance

October 14, 2008

Camera ready versions Due

EXTENDED DEADLINE: July 31, 2008

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 Fourth International Conference on Collaborative Computing (CollaborateCom 2008) 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 OF INTEREST INCLUDE, BUT ARE NOT LIMITED TO:

- 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 computing applications
- 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
- 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
- Distributed technologies and architectures to support group collaboration, activity, and awareness
- 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
- Modelling for collaboration
- Models & mechanisms for real-time collaboration
- Multi-agent technology and software technologies for collaborative networking and applications
- Peer-to-peer and overlay networks, systems, & 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
- Workflow management for collaborative network/system

PAPERS: 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 a maximum of 5000 words in Springer LNCS format. **Best Papers will be invited for a special issue in ACM/Springer-MONET.**

POSTERS: The conference will include a poster session that highlights recent and on-going 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.

WORKSHOPS: Proposals for half-day or full day workshops that focus on CollaborateCom08 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. Please refer to call for workshop proposals for details.

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.

INDUSTRY SESSION: We are soliciting industry papers describing innovative applications, case studies and best practices with a goal of fostering collaboration between the research community and the private sector. Industrial submissions may be either full-length papers or extended abstracts up to 4 pages, and should be submitted to the Industrial Program Chairs.

SUBMISSION INSTRUCTIONS: All paper, poster, panel, and workshop submissions will be handled electronically. Please visit the conference website www.CollaborateCom.org for detailed submission requirements and procedures.

PUBLICATION: All submitted papers and posters will be rigorously reviewed by technical program committee members and the reviewers they invite. Accepted papers and posters will be published by the Springer LNCS - available by Springer's digital library (SpringerLink) and all external indexing services (DBLP database, ZB1Math/CompuServe, IO-Port, EI, Scopus, INSPEC, ISI Proceedings, the Zentralblatt Math, Google Scholar, etc.

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