

CollaborateCom 2006

The Second International Conference on Collaborative Computing: Networking, Applications & Worksharing

Jointly sponsored by, Create-Net, and ICST, and IEEE Computer Society (pending)
Double Tree Hotel Buckhead, Atlanta, Georgia, USA
November 17 - 20, 2006

Networks and user applications have evolved from centralized computing platforms to distributed collaborative computing services. Collaboration as a fundamental capability of networks represents a significant step forward. Collaborative network nodes can jointly achieve advanced networking goals beyond relaying packets. Collaborative user applications enable people and computers to work together more productively. Collaboration computing techniques can also be used to support intelligent reconfiguration and performance tuning of collaborative computing software, systems, overlay network architectures and topologies to meet diverse and evolving application requirements.

The Second International Conference on Collaborative Computing (CollaborateCom 2006) will continue to serve as a premier international forum for discussions among academic and industrial researchers, practitioners, and students interested in collaborative networking, worksharing, and applications.

CollaborateCom 2006 invites research submissions - in forms of research and industrial papers, workshop proposals, tutorials, panel proposals, and posters - on all topics related to collaborative networks, application and worksharing. Topics of interest 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 computing applications
- Collaborative e-education, e-learning, and collaborative computing in large scale digital libraries
- Collaborative mobile networks, sensor networks, unmanned air and ground vehicle networks & applications
- Collaborative technologies for fast creation and deployment of new mobile services
- Computer Supported Collaborative Work with distributed systems
- Data management and middleware support for collaborative information systems
- Distributed technologies and architectures to support group collaboration, activity, and awareness
- Empirical studies on distributed collaboration
- Energy management for collaborative networks
- Methodologies and tools for design and analysis of collaborative user applications
- Multi-agent technology and software technologies for collaborative networking and applications
- Peer-to-peer and overlay networks, systems, and applications
- Security and trust management in collaborative networks, systems, and applications
- Simulation, performance evaluation, experiments, and trials 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
- Trustworthy collaborative business processing in virtual organizations
- Visualization techniques and visual languages for collaborative networks and applications
- Web services technologies for collaborative networking and applications
- Workflow technology and workflow management for collaborative network management

SUBMISSION INSTRUCTIONS: All paper, poster, panel, and workshop submissions will be handled electronically. Please visit the conference website <http://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 IEEE (pending approval of the TMRP) in the conference proceedings and placed on IEEE Xplore. A selected number of best papers will be considered for publication in a leading journal.

IMPORTANT DATES

Abstract Submission (optional)	May 30th, 2006
Paper Submission Due Date	June 27th, 2006
Notification of Acceptance	Sept. 18th, 2006
Camera Ready Versions Due	Oct. 9th, 2006



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PAPERS: The conference invites original technical papers, not exceeding 5000 words, that have not been previously published and are not currently under review for publication elsewhere. Contributions addressing all areas related to collaborative networking, applications and worksharing are solicited.

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 the summaries of accepted posters will appear in the conference proceedings.

WORKSHOPS: Proposals for workshops are solicited. Potential instructors are requested to submit a workshop proposal of at most 5 pages, including a biographical sketch of each instructor, to the Workshop Chair by **May 22nd, 2006**. Evaluation of workshop proposals will be based on the expertise and experience of the instructors, and on the relevance of the subject matter.

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 5 pages, including biographical sketches of the proposed panelists, to the Panel Chair by **June 27th, 2006**.

INDUSTRIAL PAPERS: Industry Track of the CollaborateCom 2006 Conference encourages interaction between academics and practitioners in the industry. We invites research submissions on all topics related to collaborative networking, applications and worksharing to the Industrial Program Chairs by **June 27th, 2006**.

TECHNICAL PROGRAM COMMITTEE MEMBERS

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