



COLLABORATECOM 2007

The 3rd International Conference on Collaborative Computing: Networking, Applications and Worksharing
Jointly sponsored by IEEE Computer Society, Create-Net and the International Communication Sciences and
Technology Association (ICST)

Crowne Plaza White Plains, New York, USA, November 12-15, 2007

SUBMISSION DEADLINE: July 11, 2007.

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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 IEEE in the conference proceedings and placed on IEEE Xplore. They will also be indexed by DBLP. A selected number of best papers will be considered for publication in a leading journal.

IMPORTANT DATES:

Submission deadline: 2007-07-11

Notification: 2007-09-25

Camera-ready due: 2007-10-09

Over the last two decades, many organization 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 requires advancements in networking, technology and systems, user interfaces and interaction paradigms, and interoperation with application-specific components and tools.

The Third International Conference on Collaborative Computing (CollaborateCom 2007) will continue to serve as a premier international forum for discussions among academic and industrial researchers, practitioners, and students interested in collaborative networking, technology and systems, and applications.

TOPICS AND AREAS

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 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
- Modelling for Collaboration
- P2P platforms for supporting collaboration
- Collaborative, location aware mobile systems
- Collaborative sensor systems
- Security and privacy in collaboration
- Human/robot collaboration
- Human-centric ubiquitous collaboration
- Collaborative, context-aware infrastructure
- Group-driven composition of systems from components
- Technology and system for collaboration in real-time enterprises

The conference will be hierarchically structured into 5 areas:

- Collaborative applications
- Networking
- Collaboration technology and systems
- Ubiquitous collaboration
- Interfaces and protocols for team and man-machine collaboration

The vice chairs that we choose to lead these areas will further refine the scope of the conference.

PAPERS: The conference invites original technical 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, which will be a maximum of ten pages in IEEE double column format.

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 workshops are solicited. Potential instructors are requested to submit a workshop proposal of at most five pages, including a biographical sketch of each instructor, to the Workshop. 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 five pages, including biographical sketches of the proposed panelists, to the Panel Chair.

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