



## CALL FOR PAPERS

*Concurrency and Computation: Practice & Experience (CCPE)*

*Editor-in-Chief: Geoffrey Fox*

*WILEY*

### Special Issue on Contemporary Computer Supported Collaboration: Systems, Technologies, Algorithms and Applications

**Abstract Submission Deadline: January 17, 2014**

**Full Manuscript Submission Deadline: February 20, 2014**

#### **SCOPE AND OBJECTIVES**

Providing computer supported collaboration remains a challenging multi disciplinary task despite impressive advances in the field over the past three decades. During the past decade, computer supported collaboration became a more feasible and practical reality, especially with the introduction of Web 2.0 technologies and high performance pervasive networks, and more recently Clouds. As these and other technologies become widely employed, we expect new capabilities and forms of collaboration to appear. This special issue addresses a broad spectrum of methodologies and technologies, including ethnographically-based or field-based experiences, that relate to cooperation, coordination, communication, and collaboration at both the client and backend (cloud) levels. It invites contributions aimed at a wide range of topics such as sensors, people, clouds, robots and social networks, e-learning, e-business, e-health, emergency response, knowledge management, collective intelligence, decision making and support, global grids, P2P, multi-agent systems, trust and cyber security, mobile clients, Web 2.0, virtual environments, ubiquitous collaboration, machine-machine and human-machine interaction, user interfaces and related human and socio-technical collaboration issues.

The organizers of the 2013 International Conference on Collaboration and Technologies (CTS 2013 - <http://cts2013.cisedu.info/>) are pleased to announce a special journal issue that will be published in Wiley's *Concurrency and Computation: Practice & Experience (CCPE) Journal* (<http://www.cc-pe.net/journalinfo/>). The special issue on "Contemporary Computer Supported Collaboration: Systems, Technologies, Algorithms and Applications" seeks submissions from academia, industry and governmental research labs presenting novel research on all theoretical and practical aspects of computer supported collaboration, as well as case studies, tools and platforms, and implementation experiences. Papers should have practical relevance to the construction, evaluation, application, or operation of collaboration systems. The scope of this special issue will be interdisciplinary, involving contributions from experts in the areas of collaboration infrastructure, human systems, collaborative work processes, cooperation and coordination, and various domain applications with collaboration.

## The Special Issue topics include (but are not limited to) the following:

- Frameworks and Methodologies for Collaboration
- Collaboration Enabling Technologies
- Architectures & Design of Collaboration Systems
- Platforms, Artifacts and Tools for Collaboration
- Coordination and Cooperation Mechanisms
- Interfaces for Collaborative Work
- Intelligent, Autonomous and Multi Agents in Collaboration
- Collaborative Enterprise Security & Access Control
- Role-based Models and Solutions
- Simulation of Collaboration Systems
- Cognitive and Psychological Issues in Collaboration
- Virtual Communities and Communities of Practice
- Group Characteristics and Social Factors
- Distributed Team Management and Issues
- Distributed Shared Design and Development
- Ontologies and Ethnographic Approaches
- Human-machine Collaboration and Interaction
- Awareness in Collaboration Systems
- Contextual and Situation-based Collaboration
- Visualization of Collaborative Processes & Applications
- Collaboration and Cloud Computing
- Grid-based Collaboration Environments
- Web Infrastructure for Collaborative Applications
- Service Oriented Architectures for Collaboration
- Social Multimedia and Social Networks
- Mobile and Wireless Collaboration Systems
- Collaborative & Trustworthy Sensor Systems
- Socio-Technical Information Spaces
- Information Sharing, Exchange and Fusion in CE
- Collaborative Knowledge Management
- Collaborative Decision Making and Support
- Security in Untrusted & Adversarial Collaborative Environments and Systems
- Business Networking
- Workflows in Collaborative Operations & Systems
- Shared Virtual Reality and Applications
- Collaborative Machines and Robots
- Collaborative Learning and e-Science
- Collaboration and Shared Planning and Logistics
- Tele- and Collaborative Medicine and Healthcare
- Collaboration in Emergency Management and Response

## PAPER SUBMISSIONS

Interested authors should send a **one- to two-page abstract** with title, authors, affiliations, emails and contact information, and a statement of their intent to submit an extended version of their CTS 2013 paper or a new manuscript to this special issue by the due date. In case of an extended version, please indicate clearly where the original work was published or presented. The abstract should be sent as an email attachment to the Special Issue Guest Editors by **January 17, 2014**. Guest Editors replies to authors will be sent by **January 24, 2014**. Only manuscripts of approved abstracts will be considered.

Submitted manuscripts must not have been published or simultaneously submitted/under consideration elsewhere. The submitted papers must represent a substantial extension of work presented at the conference (at least by 30%), and should include previously unpublished material that adds new insight and significant content well beyond that in the published proceedings. Submission should include a cover page with authors' names, affiliation addresses, fax numbers, phone numbers, and authors email addresses. Please, indicate clearly the corresponding author(s) and include up to 6 keywords from the above list of topics and an abstract of no more than 400 words. Please include page numbers on all submissions to make it easier for reviewers to provide helpful comments.

We do require the submission of author biographies and photographs. An elementary structure of title, author names, affiliations, contact information, abstract, text, references, figure captions, figures would be sufficient. The number of pages of the submitted paper should be related to the content of the paper: superfluous material is to be avoided.

Submitted papers will receive thorough reviews and evaluation. Papers will be selected based on their originality, contributions, technical clarity and presentation, language, significance to the readership of the journal, relevance to the special issue, and quality and significance of research hypothesis, assertions, and conclusions.

## **Instructions for the Special Issue of the 2013 International Conference Collaboration Technologies and Systems (CTS 2013)**

- This special issue is mainly by invitation to selected papers on topics related to collaboration technologies and systems from the 2013 International Conference on Collaboration Technologies and Systems (CTS 2013), which was held in San Diego, California, USA, May 20 – 24, 2013. Other contributions are also welcomed on case by case basis.
- The editors of the special issue are William McQuay, Antonio Navarro Martín, Douglas D. Hodson, and Waleed W. Smari.
- Please submit your full paper to **Manuscript Central** as CTS 2013 Special Issue by **February 20, 2014**.
- First Round Notification of Acceptance and Reviewer comments will be sent by **April 20, 2014**.
- Revised Camera-ready Papers for Round 2 are due **May 20, 2014**.
- Second Round Notification of Acceptance and Reviewer comments will be sent by **July 10, 2014**.
- Revised Camera-ready Papers for Round 3 (final) are due **August 10, 2014**.
- Last Round Notification of Acceptance and Reviewer comments will be sent by **September 10, 2014**.
- Accepted papers are expected to appear in the 4th Quarter, 2014 (Tentative).
- The submitted papers must have at least **30%** new material beyond the conference original papers or any other previously published work.
- The submitted papers must be original, not published anywhere else nor under any simultaneous consideration in any other venue.
- There is about 25 page max length limit (12 point single space, inclusive of figures and tables). Longer manuscripts may be allowed.
- Wiley has Latex templates but no special templates for Word. Most papers are submitted in Word. Either Latex or Word will be accepted.

(\* Dates are subject to change if necessary but will be adhered to as much as possible.)

### **Selection and Evaluation Criteria**

- Significance to the readership of the Journal
- Relevance to the special issue
- Originality of idea, technical contribution, and significance of the presented results
- Quality, clarity, and readability of the written text
- Quality of references and related work
- Quality and significance of research hypothesis, assertions, and conclusions

### **IMPORTANT DATES** (Subject to Change)

<b>Abstract Submission:</b> -----	<b>January 17, 2014</b>
<b>Guest Editors Reply:</b> -----	<b>January 24, 2014</b>
<b>Paper Submissions:</b> -----	<b>February 20, 2014</b>
<b>1<sup>st</sup> Notifications and Reviewers Comments:</b> -----	<b>April 20, 2014</b>
<b>1<sup>st</sup> Revision Submission:</b> -----	<b>May 20, 2014</b>
<b>2<sup>nd</sup> Notifications and Reviewers Comments:</b> -----	<b>July 10, 2014</b>
<b>2<sup>nd</sup> Revision Submission:</b> -----	<b>August 10, 2014</b>
<b>Final Notifications:</b> -----	<b>September 10, 2014</b>

Accepted papers are expected to appear in the 4th Quarter of 2014 (Tentative).

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If you have any questions about abstract and paper submission or the special issue, please contact the Guest Editors.