

# **The 2005 International Symposium on Collaborative Technologies and Systems**

(CTS 2005)

**May 15-19, 2005**

**Adam's Mark Hotels & Resorts**  
**Saint Louis, Missouri, USA**

In cooperation with the IEEE Systems, Man and Cybernetics Society

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## **CALL FOR PAPERS**

### **Special Session on Collaborative Networking Infrastructure**

**Extended Submission Deadline: [January 31, 2005](#)**

A Special Session on collaborative networking infrastructure is being organized under the 2005 Collaborative Technologies Symposium (CTS'05) to be held in St. Louis, Missouri May 15-19, 2005.

This special session is planned to bring together people from industry, government and academia who are working to innovate, develop and use networking infrastructure for the purpose of collaborative work in various fields of knowledge. Some of the recent examples of collaborative work via networking include SPARC that researchers in upper atmospheric and space physics from around the world are able to use. SPARC provides the users with a set of online collaboration tools and workspaces that link together scientific instruments, data, and models. Work is in progress to design and test portable mobile collaborative networks that can be created to deal with emergencies.

This special session looks at the hardware and software issues that are involved in providing a reliable, robust and ubiquitous networking infrastructure to build collaborative tools and services and the state of the art as well as experimental results and posters about ongoing work in this direction.

#### **Topics include, but not limited to:**

- \* Protocols for Collaborative Networking**
- \* High Speed Networking**
- \* Design, Implementation and Management of Collaborative Websites and Services**
- \* Tools and Techniques for Web based Collaborative Multimedia Communications**
- \* Software Development for Data Visualization from Distributed Data Centers**
- \* Technical Issues in Building Community Networks**

## \* Wireless and Mobile Portable Collaborative Networking and Issues

### Paper Submission

Papers reporting original and unpublished research results on above and any other related CTS topics are solicited. Submission should include a cover page with authors' names, affiliations, addresses, fax and phone numbers, and email addresses. Please indicate clearly the corresponding author and the name of the special session. Include up to 6 keywords and an abstract of no more than 300 words. Please submit an electronic copy of your full manuscript (not to exceed 15 double-spaced pages including figures, tables, and references or not exceeding 6 pages in length in single-space, two columns format) for consideration, to session organizer at [zubairi@cs.fredonia.edu](mailto:zubairi@cs.fredonia.edu) by **January 31, 2005**.

Consistent with standard practice, each submitted paper will receive a minimum of three reviews. Papers will be selected based on their originality, timeliness, significance, relevance, and clarity of presentation. Initial selection will be based on full papers. Submission implies the willingness of at least one of the authors to register and present the paper, if accepted. All accepted papers in the Symposium are expected to be presented and will be included in the conference proceedings. It is our intent to have the proceedings formally published in hard and soft copies and be available at the time of the conference.

### Session Organizer:

**Dr. Junaid Ahmed Zubairi**

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### Important Dates:

<b>Extended Draft Papers due on:</b>	<b>January 31, 2005</b>
<b>Notification of Acceptance:</b>	<b>February 14, 2005</b>
<b>Final Manuscripts and Preregistrations due on:</b>	<b>March 14, 2005</b>

If you have questions concerning session paper submission or session content, please contact the Special Session organizer at the address above.

If you have questions concerning symposium paper submissions or the symposium program, please contact the symposium co-chairs: Bill McQuay at AFRL/IFSD, WPAFB ([William.McQuay@wpafb.af.mil](mailto:William.McQuay@wpafb.af.mil)) or Waleed Smari at the Dept. of Electrical and Computer Engineering, University of Dayton ([Waleed.Smari@notes.udayton.edu](mailto:Waleed.Smari@notes.udayton.edu)).