



## CALL FOR PAPERS



# Special Session on Collaboration Grids and Community Networks

A Joint Call from CTS'06 and the Global Grid Forum

The 2006 International Symposium on Collaborative Technologies and Systems  
(CTS'06)

May 14-17, 2006

Luxor Hotel, Resort and Casino

Las Vegas, Nevada, USA

<http://www.engr.udayton.edu/faculty/wsmari/cts06/>

**Submission Deadline: February 7, 2006**

### **Brief Description:**

This special session on Collaboration Grids and Community Networks – to be held as an integrated part of the 2006 International Symposium on Collaborative Technologies and Systems (CTS'06) – is a dedicated session that aims to foster closer interactions among researchers and users communities, providing an excellent opportunity for them to meet and discuss their ideas. Collaboration is being revolutionized by the increasing power of communication infrastructure which allows both new modes of collaboration and new technologies to support existing approaches. Traditional central (MCU) approaches to audio-video conferencing are being challenged by P2P (peer to peer) models like Skype. Grids are enabling scientific collaboratories that will be essential for managing the deluge of information coming from sensors and instruments from the tiniest environmental monitor to distributed high throughput biological devices and the mammoth CERN LHC and shared international satellites. Social or community networks are being created by intelligent bookmarking tools like del.icio.us and linked back to scientific grids by projects like Connotea. Further Wikis and collaborative collections of MP3 files point to other models of resource sharing. We believe that Collaboration will drive new approaches to business, science and the harmonizing of civilizations. Further, it seems likely that we will support multiple modes of collaboration with multiple technologies. Thus this special session of CTS06 will bring together researchers interested in bridging the gaps between technologies and applications. We invite original contributions from researchers in academia and computer industry on the technology practice and user experience for these emerging and important areas.

### **Topics of Interest include (but are not limited to):**

- Technology practice and User experience for Collaboration and Community Networks
- Linkage of Grids and P2P systems and other collaboration, resource sharing and network building technologies
- Service oriented architectures for Collaboration and Community Networks
- Any practice and experience bridging application areas and technologies
- The implications of issues like trust and technologies like the Semantic Web and Grid
- Digital Libraries and Grids and Community Networks

## **Instructions for Authors:**

Authors are invited to submit 4 page extended abstracts to the special session organizers by **February 7, 2006**. Electronic (postscript or pdf) submissions should be sent to [gcf@indiana.edu](mailto:gcf@indiana.edu). All submitted manuscripts will have at least three reviewers. Include up to 5 keywords and an abstract of no more than 250 words. Submissions should also include the title, author's name, affiliation, e-mail address, fax number and postal address. In case of multiple authors, an indication of which author is responsible for correspondence must be indicated. If accepted, final manuscript will follow the CTS 2006 format (up to 10 IEEE pages) that will be available on the conference web site. All such accepted papers will be published as CTS'06 papers in the conference proceedings. We will accept and evaluate late extended abstracts if there is space available in the session with an absolute cutoff date of April 1, 2006. Only abstracts submitted by February 7, 2006 can be published in CTS'06 proceedings, once accepted. Further, all session speakers (whether or not they met CTS'06 proceedings deadline) may submit enhanced manuscripts for a refereed special issue of the journal *Concurrency and Computation: Practice and Experience*, with full papers due July 1 2006. Abstracts and Presentations for all accepted submissions will be made available on both GGF and CTS'06 web sites.

## **Important Dates:**

<b>Extended Abstract Submission Deadline: .....</b>	<b>February 7, 2006</b>
<b>Notification of Acceptance: .....</b>	<b>February 15, 2006</b>
<b>Full CTS'06 Paper Due: .....</b>	<b>March 10, 2006</b>
<b>Journal Special Issue due date: .....</b>	<b>July 1, 2006</b>

## **Special Session Organizers:**

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## **Technical Program Committee:**

All submitted papers will be rigorously reviewed by the special session technical program committee members.

- Geoffrey Fox, Indiana University
- Tony Hey, Microsoft
- David De Roure, University of Southampton
- Wenjun Wu, Indiana University
- Hai Zhuge, Chinese Academy of Sciences

Other members of the committee will be announced later.

**If you have questions regarding session paper submission or the session content, please contact Geoffrey Fox at [gcf@indiana.edu](mailto:gcf@indiana.edu).**

For information or questions about the full Symposium's program, tutorials, exhibits, demos, panel and special sessions organization, please consult the conference web site at URL: <http://www.engr.udayton.edu/faculty/wsmari/cts06/> or contact the symposium co-chairs: Bill McQuay at AFRL/IFSD, WPAFB ([William.McQuay@wpafb.af.mil](mailto:William.McQuay@wpafb.af.mil)) or Waleed W. Smari at the Dept. of Electrical and Computer Engineering, University of Dayton ([Waleed.Smari@notes.udayton.edu](mailto:Waleed.Smari@notes.udayton.edu)).