

## **Preliminary Call for Participation**

# **The 2009 International Symposium on Collaborative Technologies and Systems (CTS 2009)**

**May 18-22, 2009**

**The Westin Baltimore Washington International Airport Hotel  
Baltimore, Maryland, USA**

**In Cooperation with ACM, IEEE, and IFIP  
(Pending)**

**(Paper Submission Deadline: December 11, 2008)**

### **INVITATION:**

You are cordially invited to participate in and attend the International Symposium on Collaborative Technologies and Systems to be held May 18-22, 2009 at the Westin Baltimore Washington International Airport Hotel in Baltimore, Maryland, USA. The symposium is to address, explore and exchange information on the state-of-the-art in collaborative enterprises, their modeling and simulation, design and use, and their impact. Participation is extended to researchers, designers, educators and interested parties in all CTS disciplines and specialties.

### **PURPOSE:**

The symposium will include invited presentations from experts from academia, industry, and government as well as contributed paper presentations describing original work on the current state of research in collaborative technologies, collaborative systems and all related issues. There will also be tutorial sessions, workshops, special sessions, demos, panel discussions, posters, and exhibits. Conference sponsorships are welcomed.

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

#### **Collaboration Infrastructure, Tools and Technologies**

- Frameworks and Methodologies for Collaboration
- Collaboration Enabling Technologies
- Information Infrastructure for Collaboration
- Intelligent & Autonomous Agents in Collaboration
- Cluster-based Collaborative & Distributed Systems
- Collaborative Enterprise Security & Access Control
- Role-based, Privacy and IP Policies and Algorithms
- Architectures and Design of Collaborative Systems
- Enterprise and CE Heterogeneity / Interoperability
- Platforms for Collaboration
- Multi Agent Systems in Collaboration
- Grid-based Collaborative Environments
- Trusted and Reputation Based Collaboration
- Management of Metadata for Collaboration

- Mobile and Wireless Collaboration Systems
- Information Spaces for the SocioTech
- Distributed Collaborative Trusted Sensor Systems
- Soft Computing Solutions for Collaboration Systems
- Information Exchange and Fusion in CE
- Executable Models of Architectures
- Web Infrastructure for Collaborative Applications
- Electronic Artifacts and Notebooks
- Data Mining & Warehousing for Collaborative Technologies
- Requirements Engineering in CE
- Modeling and Simulation of Collaboration

### Human Systems and Collaboration

- Coordination and Cooperation Mechanisms
- Group Characteristics and Social Factors in CE
- Cultural Aspects & Human Factors in Collaboration
- Human-machine Collaborative Interaction
- Social Multimedia and Networks
- Awareness in Collaborative Systems
- Collaborative Human-Centered Systems
- Cognitive and Psychological Issues in Collaboration
- Affective, Emotive & Conative Aspects in Collaboration
- Interfaces for Collaborative Work
- Social Software Based Collaboration
- Visualization of Collaborative Processes & Applications

### Collaboration Work and Processes

- Work and the Collaborative Virtual World
- Collaborative Conflict Management
- Virtual and Remote Project Coordination
- Distributed Team Management and Issues
- Workflows in Collaborative Operations & Systems
- Coordination, Cooperation and Collaboration
- Ontologies and Ethnographic Approaches
- Distributed Shared Design and Development
- Designing Collaborative & Virtual Organizations
- Context-& Situation based Collaboration

### Collaboration Applications and Domains

- Collaborative Open Innovation
- Collaborative Knowledge Management
- Collaborative Prototyping Environments
- Collaborative Machines and Robots
- Web- and Internet-Enabled Collaboration
- e-, Distance-, and Collaborative- Learning
- Collaborative Applications in Financial Systems
- Collaboration in Education and Sciences
- Distributed Systems Engineering Environments
- Collaborative Simulation for Distributed Mission Training
- Collaborative and Virtual Simulation Environments
- Shared Virtual Reality and Applications
- Collaborative Decision Making and Support
- Collaboration Technologies in Industry and Businesses
- Collaborative Autonomous Systems & Vehicles
- Collaborative and Shared Planning and Logistics
- e-Business, e-Comm, e-Gov and Collaboration
- Collaboration M&S for Exercise Support and Gaming
- Tele & Collaborative Medicine and Healthcare
- Collaboration in Emergency and Disaster Response
- Collaborative Environments for Simulation Based Acquisition

### SUBMISSION OF PAPERS:

Papers reporting original and unpublished research results on above and any other related CTS topics are solicited. Submission should include a cover page (or completed web based form) with authors' names, affiliations, addresses, fax and phone numbers, and email addresses. Please indicate clearly the corresponding author. Include up to 6 keywords from the above list and an abstract of no more than 350 words. Please submit an electronic copy of your full draft manuscript (not to exceed **10 pages** in the IEEE format, single-spaced, double-column, including figures, tables, and references, posted on the CTS

2009 web site) using the conference web site submission link at <http://cisedu.us/cis/cts/09/main/callForPapers.jsp>.

Electronic submissions will be accepted only in **PDF format**, uploaded to the web site above. 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 firm willingness and availability of at least one of the authors to register and present the paper, if accepted. All accepted papers in the Symposium are required 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.

For information or questions about Symposium's paper submission, please contact **Waleed W. Smari** at the Department of Electrical and Computer Engineering, University of Dayton, 300 College Park, Dayton, OH 45469-0226, USA, Voice: (937) 229-2795, Fax: (937) 229-4529, Email: [smari@arys.org](mailto:smari@arys.org).

### **TUTORIALS:**

The symposium will also offer tutorials (typically 2-4 -hour) on the state-of-the-art topics in CTS. Each tutorial proposal should provide a title, topics to be covered, targeted audience, prerequisites, and a brief biography and qualifications of the instructor. If you have any questions, please contact Tutorials Chair. All proposals should be submitted by **December 11, 2008**.

### **WORKSHOPS AND SPECIAL SESSIONS:**

Workshops and Special Sessions on CTS related topics are welcomed too. A workshop/special session proposal should include a title, topics covered by the workshop, organizers full contact information, submission instructions, review process, important dates, total number of expected accepted papers, program committee, and any other information for the authors. It is expected that the organizer will attend and chair the workshop/special session organized. If you have any questions, please contact Workshops and Special Sessions Chair. All proposals should be submitted by **November 2, 2008**.

### **DEMONSTRATIONS**

Demos and experiential showcases of interactive collaborative environments are highly encouraged. These may include any of the themes outlined in the symposium's topics. If you have any questions, please contact Demos Chair. Proposals for demos are welcomed and should be submitted by **December 11, 2008**.

### **PANELS AND FORUMS**

Panel sessions and forums will examine innovative, promising, or controversial CTS issues today. They will also address CTS challenges and future prospects. Audience participation will be welcomed. If you have ideas or questions concerning symposium's panels and forums, please contact Panel Coordinator **Vance Saunders**, Ball Aerospace, 2875 Presidential Drive, Suite 180, Fairborn, OH 45324, USA, Voice: (937) 320-4036, Fax: (937) 429-1687, Email: [vsaunder@ball.com](mailto:vsaunder@ball.com). Proposals are welcomed and should be submitted by **December 11, 2008**.

### **POSTERS**

Posters addressing preliminary results, innovative ideas, work in progress, late-breaking results, collaboration tools, platforms and products, and other work not suitable for a formal paper and best presented in an interactive setting are solicited. Posters will be held in a special session where presenters will demonstrate their work directly to symposium attendees, and will remain in place during the remainder of the symposium. If you have any questions, please contact Posters Chair. Proposals for posters are welcomed and should be submitted by **December 11, 2008**.

## **EXHIBITS**

Exhibit booths will be available to display your newest products and technologies. Make plans now to take advantage of this prime advertising opportunity. If you have any questions, please contact Exhibits Chair. Proposals are welcomed and should be submitted by **December 11, 2008**.

## **SPONSORSHIP AND INDUSTRY LIAISON**

The CTS 2009 Symposium seeks interested Industry Partners who would be willing to sponsor symposium events or social activities (e.g., exhibit reception, speaker sponsorship, registration handout packets, special break snacks, etc.). If an industry representative is interested in becoming a CTS 2009 Industry Partner or would like to propose an event or activity at the symposium, please contact the Industry Liaison Chair.

## **IMPORTANT DATES:**

Paper Submission Deadline ----- **December 11, 2008**

Notification of Acceptance ----- **February 3, 2009**

Registration & Camera-Ready Manuscripts Due ----- **March 3, 2009**

**For information or questions about Symposium's paper submission, tutorials, posters, workshops, special sessions, exhibits, demos, panels and forums organization, and any other information about the conference location, registration, paper formatting, etc., please consult the symposium web site at URL:**

**<http://cisedu.us/cis/cts/09/main/callForPapers.jsp>**

**or contact one of the Symposium's Co-Chairs:**

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