

Call for Demos and Participation

The 2012 International Conference on Collaboration Technologies and Systems (CTS 2012)

May 21-25, 2012

The Westin Westminster Hotel
Denver, Colorado, USA

(Demo Proposal Submission Deadline: January 20, 2012)

PURPOSE AND SCOPE

The 2012 International Conference on Collaboration Technologies and Systems (CTS 2012) is to address, explore and exchange information on the state-of-the-art in collaboration environments, their modeling and simulation, design and use, applications, and their impact. The Conference will be held on May 21-25, 2012 in Denver, Colorado, USA.

Real experimentation has proven to be a fundamental methodology to evaluate collaboration technologies and systems. Early prototyping is an outstanding way to understand real user requirements and help adoption of technologies by the mass market. In addition, demo sessions showing tools, case studies, proofs of concepts, and real-systems prototypes at work will naturally complement the technical sessions, thus stimulating discussions among attendees.

As in every year, the CTS 2012 Conference will feature state-of-the-art set of demo presentations and experiential showcases. The CTS 2012 Organizing Committee invites proposals and ideas for demos to be held in conjunction with the Conference. Topics may cover different levels, ranging from introductory to highly advanced. Demos will address relevant subject areas within collaboration. Typically, 30-minute demos are planned but others may be considered. Proposals will be evaluated by members of the Organizing Committee.

If you are interested in presenting a demo at this meeting or you have an idea for a demo you would like to see offered please contact the Demos Co-Chairs.

DEMO TOPICS

Collaboration Infrastructure, Tools and Technologies

- *Frameworks and Methodologies for Collaboration*
 - *Collaboration Enabling Technologies*
 - *Information Infrastructure for Collaboration*
 - *Tangible User Interfaces for Collaboration*
 - *Intelligent & Autonomous Agents in Collaboration*
 - *Cluster-based Collaborative & Distributed Systems*
 - *Collaboration and Cloud Computing*
 - *Collaborative Enterprise Security & Access Control*
 - *Role-based, Privacy and IP Policies and Algorithms*
 - *Mobile and Wireless Collaboration Systems*
 - *Socio-Technical Information Spaces*
 - *Distributed Collaborative Trusted Sensor Systems*
 - *Soft Computing Solutions for Collaboration Systems*
 - *Information Exchange and Fusion in CE*
 - *Executable Models of Architectures*
- *Architectures and Design of Collaboration Systems*
 - *Enterprise and CE Heterogeneity / Interoperability*
 - *Platforms for Collaboration*
 - *Tabletop, Surface, and Multi-touch Interaction*
 - *Multi Agent Systems in Collaboration*
 - *Grid-based Collaboration Environments*
 - *Service Oriented Architectures for Collaboration*
 - *Trusted and Reputation-based Collaboration*
 - *Management of Metadata for Collaboration*
 - *Web Infrastructure for Collaborative Applications*
 - *Electronic Artifacts and Notebooks*
 - *Data Mining & Warehousing for Collaboration 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 Collaboration Systems*
- *Collaborative Human-Centered Systems*
- *Cognitive and Psychological Issues in Collaboration*
- *Affective, Emotive & Conative Aspects of Collaboration*
- *Interfaces for Collaborative Work*
- *Social Software Based Collaboration*
- *Visualization of Collaborative Processes & Applications*

Collaborative Work and Processes

- *Work and Collaborative Virtual Worlds*
- *Collaborative Conflict Management*
- *Coordination, Cooperation and Collaboration*
- *Ontologies and Ethnographic Approaches*
- *Virtual and Remote Project Coordination*
- *Distributed Team Management and Issues*
- *Collective Intelligence and Crowdsourcing*
- *Empirical Investigations*
- *Distributed Shared Design and Development*
- *Designing Collaborative & Virtual Organizations*
- *Contextual and Situation-based Collaboration*
- *Work across boundaries: Disciplines, Spatial, Temporal, Social*

Collaboration Applications, Domains, and Emerging Trends and Technologies

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

DEMO PROPOSAL SUBMISSION

We invite you to prepare an abstract following the proposed templates below. Please submit your abstract by email to the Co-Chairs (make sure that the subject of the e-mail says "**CTS 2012 Demos Submission.**") The abstracts of accepted demo proposals will be disseminated to the wider CTS 2012 community and included in the conference proceedings. Hence we invite you to prepare the abstracts with care.

A proposal to present a demo at CTS 2012 should contain the following information:

- *Demo Title*
- *Full Name(s), Affiliation(s) and Contact Information of the Instructor(s)*
- *Keywords from the list of topics in the Conference Call (up to 6)*
- *Extended Abstract (500-1000 words or 2-4 pages) detailing (a) the technical subject, (b) its importance and originality, (c) its relevance and benefits to CTS 2012 attendees, and (d) demo objectives*
- *Demo detailed Outline in a medium level of granularity including sections and subsections as well as bibliography (as applicable)*
- *Intended audience profile and prerequisites (if any)*
- *Expected duration of the demo. Typically, 30-minute demos are planned but others will be considered.*
- *Expected demo format. (i.e., talks, or talks + demo, etc.)*
- *Audio/Visual requirements*

- *Biography of the Instructor(s) (100-200 words)*

If the demo or its earlier version has been given before, please indicate those respective events in full, dates, and content. This is an important requirement.

Authors of all accepted demos will be invited to provide an updated final DEMO **EXTENDED ABSTRACT** (up to 3 pages) describing the demo features. Demo Extended Abstracts will be included in the Conference proceedings.

IMPORTANT DATES

Demo Proposal Submission Deadline	January 20, 2012
Notification of Acceptance	February 10, 2012
Registration & Proceedings Manuscripts Due	March 01, 2012
Conference Dates	May 21 - 25, 2012

For information or questions about demos, please contact Demos Co-Chairs

Sergiu Descalu, University of Nevada - Reno, Nevada, USA – descalus@unr.edu

Yuri Demchenko, University of Amsterdam, The Netherlands – y.demchenko@uva.nl

Christian Vecchiola, IBM Research and Development, Australia – christian.vecchiola@au.ibm.com

or contact the conference organizers by email or the conference website: <http://cisedu.us/rp/cts12/>