

**The 2008 International Symposium on Collaborative Technologies and Systems
(CTS 2008)**

May 19-23, 2008

The Hyatt Regency Irvine

Irvine, California, USA

<http://cisedu.us/cis/cts/08/>



CALL FOR PAPERS

Special Session on Collaborative Logistics

Submission Deadline: **January 21, 2008**

Brief Description

Traditionally companies have focused on improving their own internal business processes when faced with pressures to operate more efficiently. However, a system-wide focus, e.g., a collaborative focus, opens up cost saving opportunities that are impossible to achieve with an internal company focus. With the availability of timely and accurate information, new collaborative opportunities which create mutual benefit by taking advantage of operational synergies between buyers, sellers, or buyers and sellers are now arising. Collaborative logistics is viewed by many logistics professionals as a promising opportunity for reducing logistics costs and therefore increasing profitability and economic prosperity. Hence there is a need to develop a fundamental knowledge base for designing, analyzing, implementing, and managing such collaborative logistics initiatives.

We are soliciting original papers describing empirical, analytical, and conceptual approaches to these classes of problems on logistics networks. The emphasis will include support for logistics teamwork and decision making, coordinated and collaborative planning and replanning, human-centered logistics operations issues, and policy-related questions. All logistics applications are solicited.

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

- Design and implementation of network-based logistics solutions
- Algorithmic and analytical tools for logistics
- Optimization and game theory applications to logistics problems
- Logistics in emergency management and response systems
- Supply Chain Management
- Modeling and simulation of logistics

- Multi-function, multi-national collaborative logistics teams
- Shared awareness (common operating picture) for dispersed logistics processes and teams
- Sense and Respond Logistics (Distributed Adaptive Logistics)
- Focused Logistics
- Knowledge-Enabled Logistics
- Total asset visibility
- Control of logistics pipelines
- Automated logistics planning tools for supply sourcing and transportation
- Logistics information technology
- Logistics in information rich situations
- Automated logistics systems

Instructions for Authors:

All submissions should be emailed to oergun@isye.gatech.edu and lhoughtalen@babson.edu. Paper reception will be acknowledged by e-mail within 48 hours. The format should follow the CTS 2008 format (instructions available at <http://cis.edu.us/cis/cts/08/>). Papers drafts submitted for review should not exceed 10 pages. If accepted, the final manuscript must follow the CTS 2008 format that is to be made available on the conference Web site. The format is similar to ACM/IEEE conference formats.

Submissions should include the title, authors name, affiliation, e-mail address and postal address. In case of multiple authors, an indication of which author is responsible for correspondence should also be included.

All submitted papers will be rigorously reviewed by the technical program committee members and the reviewers they invite. Papers will be selected based on their originality, timeliness, significance, relevance, and clarity of presentation.

Submission implies the willingness of at least one of the authors to register and present the paper, once accepted. All accepted papers are required to be presented and will be included in the conference proceedings which will be made available at the conference.

Special Session Organization

Dr. Ozlem Ergun

School of Industrial and Systems Engineering
 Georgia Institute of Technology
 Atlanta, Georgia 30332
 Phone: 404-894-2369
 Fax: 404-894-2301
 Email: oergun@isye.gatech.edu

Dr. Lori Houghtalen

Division of Mathematics and Science

Babson College
Babson Park, Massachusetts 02457
Phone: 781-239-5508
Fax: 781-239-6416
Email: lhoughtalen@babson.edu

Technical Program Committee:

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

(To be announced shortly.)

Important Dates:

Paper Submission Deadline	January 21, 2008
Notification of Acceptance	February 11, 2008
Registration & Camera-Ready Paper Due	March 3, 2008

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://cisedu.us/cis/cts/08/> or contact the symposium co-chairs: Bill McQuay at AFRL/RYT, WPAFB (William.McQuay@wpafb.af.mil) or Waleed W. Smari at the Department of Electrical and Computer Engineering, University of Dayton (Waleed.Smari@notes.udayton.edu).