



CALL FOR PAPERS

Semantic Web Structure and Critical Information Issues

Part of the Digital Documents Track at the Thirty-seventh Annual HAWAII INTERNATIONAL CONFERENCE ON SYSTEM SCIENCES on the Big Island of Hawaii, January 5 - 8, 2004

Full CFP details at: <http://www.csm.ornl.gov/~sheldon/hicss37-SW-CFP.html>

Additional detail on the web site: <http://www.hicss.org>

THEME

The focus of this mini-track is to explore a broad range of issues involving the Semantic Web and related technologies. These issues include enabling software agents, fusing heterogeneous data, intelligently retrieving and organizing information, discovering new information, finding new relationships among various information sources, and doing so in a secure, trusted, and reliable environment. In short, we are looking to address how to bring the vision of the Semantic Web to reality. We are seeking original papers on all topics of the Semantic Web, including but not restricted to:

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|------------------------------|---|
| ⊕ Agent technology | ⊕ Ubiquitous computing environments |
| ⊕ Data fusion and federation | ⊕ Intelligent interfaces |
| ⊕ Information retrieval | ⊕ Decision support systems |
| ⊕ Data mining | ⊕ Mobile software |
| ⊕ Knowledge discovery | ⊕ Ontology and semantic-based communication |
| ⊕ Knowledge management | ⊕ Fault tolerance Security |

IMPORTANT DEADLINES

- March 31, '03 Abstracts submitted for guidance and indication of appropriate content.
June 1, '03 Full papers submitted to Minitrack Chairs. Contact minitrack chairs for submission instructions.
August 31, '03 Notice of accepted papers sent to Authors.
October 1, '03 Accepted manuscripts sent electronically to the publisher. Authors must be registered by this date.

MINITRACK CHAIRS

Mark T. Elmore, Oak Ridge National Laboratory ElmoreMT@ornl.gov (Primary contact) | Thomas E. Potok Oak Ridge National Laboratory PotokTE@ornl.gov

INSTRUCTIONS FOR PAPER SUBMISSION

1. Contact the Minitrack Chair in advance for specific submission instructions. Otherwise, submit an electronic version of the full paper, consisting of no more than 25 double-spaced pages, including diagrams, directly to the appropriate Minitrack Chair. (NOTE: The final paper must be NO MORE THAN 10 pages, double-column, single spaced.) 2. *Do not submit the manuscript to more than one Minitrack Chair.* Papers should contain original material and not be previously published, or currently submitted for consideration elsewhere. 3. Each paper must have a title page to include title of the paper, full name of all authors, and complete addresses including affiliation(s), telephone number(s), and e-mail address(es). 4. The first page of the manuscript should include only the title and a 300-word abstract of the paper.

TRACKS AT HICSS-37

- ★ **Collaboration Systems**, Co-Chair: Jay Nunamaker, E-mail: nunamaker@cmi.arizona.edu | Co-Chair: Robert O. Briggs, E-mail: bob@GroupSystems.com
- ★ **Complex Systems**, Chair: Robert Thomas, E-mail: rjt1@cornell.edu
- ★ **Decision Technology for Management**, Chair: Dan Dolk, E-mail: drdolk@nps.navy.mil
- ★ **Digital Documents**, Chair: Michael Shepherd, E-mail: shepherd@cs.cal.ca
- ★ **Emerging Technologies**, Chair: Ralph H. Sprague, E-mail: sprague@hawaii.edu
- ★ **Information Technology in Health Care**, Chair: William Chismar E-mail: chismar@cba.hawaii.edu
- ★ **Internet & the Digital Economy**, Co-Chair: David King, E-mail: dave@comshare.com | Co-Chair: Alan Dennis, E-mail: ardennis@indiana.edu
- ★ **Organizational Systems & Technology**, Chair: Hugh Watson, Email: hwatson@terry.uga.edu
- ★ **Software Technology**, Gul Agha, E-mail: agha@cs.uiuc.edu

For the latest information visit the HICSS web site at: <http://www.hicss.org>. HICSS conferences are devoted to advances in the information, computer, and system sciences, and encompass developments in both theory and practice. Invited papers may be theoretical, conceptual, tutorial or descriptive in nature. Submissions undergo a peer referee process and those selected for presentation will be published in the Conference Proceedings. Submissions must not have been previously published.

CONFERENCE ADMINISTRATION

Ralph Sprague, Conference Chair Email: sprague@hawaii.edu Sandra Laney, Conference Administrator Email: hicss@hawaii.edu Eileen Dennis, Track Administrator Email: eidennis@indiana.edu For the latest information visit the HICSS web site at: <http://www.hicss.org>. VENUE: Hilton Waikoloa Village (on the Big Island of Hawaii) 425 Waikoloa Beach Drive Waikoloa, Hawaii 96738 Tel: 1-808-886-1234 Fax: 1-808-886-2900 <http://www.hilton.com/hotels/KOAHWHH/index.html>

NOTE: December 1 is the deadline to guarantee hotel room reservation at conference rate.