

**CALL FOR PAPERS --  
IMPLEMENTATION AND USAGE OF RFID MINI-TRACK  
Organizational Systems and Technology Track  
Fortieth Annual  
HAWAI'I INTERNATIONAL CONFERENCE ON SYSTEM SCIENCES  
January 3-6, 2007  
Hilton Waikoloa Resort  
at the Big Island, Hawai'i**

Additional detail may be found on HICSS primary web site: <http://www.hicss.org>

**OVERVIEW OF THE MINITRACK**

**Description:** This half-day mini-track addresses issues organizations are facing as they begin implementing and using radio frequency identification (RFID) technology. Due to adoption mandates by several major buyers and retailers, many companies are now engaged in implementing pilot projects on RFID to understand the potential and business case for this emerging technology. RFID dramatically increases the potential for organizations to collect data about any tagable entity, which has implications for supply chain management, human resources management, customer relationship management, and privacy/intellectual property management. We encourage authors to share new and interesting theoretical and methodological perspectives on topics relevant to both academic researchers and practitioners. We welcome work-in-progress that examines existing and extended theory using RFID as the technology of focus and case studies of organizations implementing RFID inside and outside their span of control. In order to lay a foundation for future research regarding this emerging technology, we invite participation from senior public and private policymakers, as well as executives whose organizations play a defining role in promoting RFID within their industries. We give special consideration to research submissions when the author(s) commit to include an industry partner in their presentation. We also welcome research that reflects a range of current research methods including case studies, analytical models, econometrics, and frameworks.

**Topics.** The following areas are suggestive of the range of topics that are considered suitable:

- Detailed case studies of RFID implementation and usage
- Methods for developing the business case for RFID adoption
- Methods and benefits of managing the voluminous data collected with RFID
- Impact of RFID on employees and related work processes
- Aligning interorganizational governance, incentives, and ownership
- Understanding the technical capabilities and limitations of RFID
- Forecasting the technical evolution of RFID and its relationship to the economics of usage
- Technical integration of RFID with other applications
- Understanding the role of standards for the proliferation and use of RFID
- Estimating the business value of the technology internally and across company boundaries
- Costs and risks associated with becoming dependent on the technology
- The role of standards development organizations (SDOs) on RFID technology development
- Safeguarding personal privacy and physical health

## Mini-Track Chairs' Contact Information

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## IMPORTANT DEADLINES

- March 31, 2006** Authors may contact Minitrack Chairs for guidance and indication of appropriate content. (Optional)
- June 15, 2006** Authors submit full manuscripts through the HICSS Review System following format and submission instructions on the HICSS web site.
- August 15, 2006** Authors receive notification regarding paper acceptances through the Review System.
- September 15, 2006** Authors submit final version of paper following Author Instructions on the HICSS web site. At least one author of each paper must register by this date to attend the conference to present the paper.
- December 1, 2005** Deadline to guarantee your hotel room reservation at the conference rate.

## INSTRUCTIONS FOR PAPER SUBMISSION

- HICSS papers must contain original material not previously published, or currently submitted elsewhere.
- Consult the conference website for the listing and description of Minitracks for HICSS-40.
- Contact the Minitrack Chair(s) by email for guidance and verification of appropriate content.
- If unsure of which Minitrack is appropriate, submit abstract to the Track Chair for guidance.

- Submit your full paper according to the detailed formatting and submission instructions found on the HICSS website to the reviewing website. Note: All papers will be submitted in double column publication format and limited to 10 pages including diagrams and references.

## HICSS-40 CONFERENCE TRACKS

- **Collaboration Systems and Technology** – Co-Chair: Jay F. Nunamaker, Jr.; E-mail: [jnunamaker@cmi.arizona.edu](mailto:jnunamaker@cmi.arizona.edu); Co-Chair: Robert Briggs; E-mail: [bob@GroupSystems.com](mailto:bob@GroupSystems.com)
- **Decision Technologies for Management** – Chair: Daniel R. Dolk; E-mail: [drdolk@nps.navy.mil](mailto:drdolk@nps.navy.mil)
- **Digital Media: Content and Communication** – Chair: Michael Shepherd; E-mail: [shepherd@cs.dal.ca](mailto:shepherd@cs.dal.ca)
- **E-Government** – Chair: Jochen Scholl, E-mail: [jscholl@u.washington.edu](mailto:jscholl@u.washington.edu)
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- **Software Technology** – Co-Chair: Gul Agha; E-mail: [agha@cs.uiuc.edu](mailto:agha@cs.uiuc.edu); Rick Kazman; E-mail: [kazman@hawaii.edu](mailto:kazman@hawaii.edu)

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.

For the latest information visit the HICSS web site at <http://www.hicss.org>

## CONFERENCE ADMINISTRATION

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