The 2007 IEEE International Symposium on

Ubisafe Computing (UbiSafe-07)

http://www.ubisafe.org/2007/ or http://cs.okstate.edu/ubisafe07/
In conjunction with **AINA-07**: http://www.aina-conference.org/2007/
Sponsored by IEEE CS Technical Committee on Distributed Processing

Niagara Falls, Canada, May 21-23, 2007

UbiSafe-07

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Further questions, please email to
Ubisafe07@googlegroups.com
Or contact
Xiaolin (Andy) Li
Oklahoma State U., USA
Email: xiaolin@cs.okstate.edu

UbiSafe emphasizes on the SAFE aspects for ubiquitous, pervasive, AmI, mobile, universal, embedded, wearable, augmented, invisible, hidden, context-aware, sentient, proactive, autonomic, or whatever it is called, computing. The UbiSafe-07 Symposium provides a forum for engineers and scientists in academia, industry, and government to address all safety related profound challenges including technical, social, legal, ethical issues, to present, and discuss their ideas, theories, technologies, systems, tools, applications, work in progress and experience on all aspects of UbiSafe computing. Prospective authors are invited to submit papers in any of the following areas:

● **Fundamentals**
  UbiSafe concepts, definitions, basic elements, models, frameworks and methodologies, human-centric paradigms, multi-disciplinary/inter-disciplinary/trans-disciplinary approaches, semantics, ontologies, UbiSafe requirements and formal specifications and validations, information assurance, etc.
● **Technologies**
  Security and privacy protection, reliability and fault tolerance, risk analysis, uncertainty and exception handling, socially intelligent agents, intuitive/natural user interface, interaction design, context-awareness, intelligent computing, service-oriented computing, hardware, software, middleware, etc
● **Systems**
  Embedded systems, wearable systems, augmented systems, context-based systems, communication systems, safety-critical systems, survivable systems, persistent systems, autonomous/autonomic systems, proactive systems, network infrastructure, sensor nets, etc.
● **Applications**
  Smart objects, smart environments, information appliance and artifacts, everyday gadgets, robots, safety care, healthcare, medical care and services, working, learning, traveling, entertainment, case studies, etc.
● **Measures and Assessments**
  UbiSafe attributes and measures for safety, trust, faith, amenity, easiness, comfort, satisfaction, and worry, UbiSafe levels and relations, UbiSafe quality, assessment criteria and authority, subjective and objective assessment standards, evaluation methodologies, testing, measuring and monitoring tools, etc.
● **Human Factors and Social Issues**
  Human and social aspects of UbiSafe, UbiSafe sources and factors, social rules, regulations and laws, human factors, human behavior analysis, modeling of human feelings, traditional and cultural issues, ethical issues, etc.

IMPORTANT DATES

Submission Deadline:	Nov. 30,	2006
Author Notification:	Jan. 22,	2007
Final Manuscript Due:	Feb. 17,	2007

PAPER SUBMISSION and PUBLICATIONS

Submit full papers not exceeding 20 pages in PDF format (IEEE Computer Society Proceedings Manuscripts style: two columns, single-spaced), including figures and references, using 10 fonts, and number each page. You can download the IEEE CS Proceedings Author Guidelines from the following web site ftp://pubftp.computer.org/press/outgoing/proceedings/. UbiSafe-07 submission web site is at http://ehpclab.stfx.ca/~ubisafe07/.

Authors of accepted papers will receive guidelines on preparing and submitting the final manuscript(s) together with the notification of acceptance. The proceedings will be published by IEEE Computer Society Press. Authors of accepted papers, or at least one of them, are required to register and present their work at the conference, otherwise their papers will be removed from the digital library after the conference.

Distinguished papers, after further revisions, will be published in the Journal of Autonomic and Trusted Computing (JoATC), and the Journal of Ubiquitous Computing and Intelligence (JUCI). A set of high quality papers of the conference, after further revisions, also will be published in an edited book published by IDEA Publishing Group, USA.

UbiSafe-07