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## IMPORTANT DATES

Paper Submission:	November 15, 2007
Author Notification:	February 15, 2008
Final Manuscript:	May 1, 2008
Workshop Proposals:	November 15, 2007
Workshop Call for Papers:	November 30, 2007
Workshop Paper Submission:	March 1, 2008
Workshop Paper Notification:	March 30, 2008
Workshop Final Manuscript:	May 1, 2008
Panel Proposals:	November 15, 2007

## Paper Submission

Paper submission and review will be done electronically. Information for prospective authors, including paper format and instructions can be found in the Web page.

## Best Paper Award

A best paper will be selected and recognized by the Program Committee and the Awards Chairs.

# The 2008 Symposium on Applications & the Internet SAINT-2008



<http://www.saintconference.org>

**Turku, FINLAND, 28 July - 1 August 2008**

### Co-sponsored by:

*the IEEE Computer Society (IEEE-CS) and  
the Information Processing Society of Japan (IPSJ)*



### Co-located with:

**The 32<sup>nd</sup> Annual IEEE International Computer Software and Applications Conference (COMPSAC 2008)**

## THEME : The Pervasive Internet

The Internet has been revolutionizing and changing the way we communicate, access information and conduct businesses. Today, the Internet is evolving into a pervasive and highly distributed ecosystem of connected computers, mobile devices, sensors, home appliances, and a variety of other Internet gadgets. This evolution is leading to deep intertwining of the physical and digital worlds, raising new research agendas and challenging our understanding of the requirements for networked computing and Internet based Service Oriented Architectures. SAINT focuses on emerging research challenges raised by the pervasive Internet, and its future applications and services, as well as their enabling technologies. The symposium provides a forum for researchers and practitioners from the academic, industrial, public and governmental sectors to share their latest innovations on Internet technologies and applications. Areas of particular interest include, but are not limited to:

### Internet Application Areas:

- **Content Management:** semi-structured data, information integration, search and retrieval, data mining, semantic web, mobile and local search
- **Content Delivery:** media streaming, web caching, QoS, universal access and interfacing
- **Web Services:** architecture & middleware, information agents, brokering and negotiation, service discovery, service composition, context-aware services
- **E-Business:** Internet-based workflow, virtual enterprises, B2B, auctioning systems
- **Collaboration:** fixed, mobile & ad-hoc groupware, social network software, trust & IPR technologies
- **Internet communities:** peer-to-peer platforms and applications, folksonomies, protocols for self-organizing communities, social networks
- **Wireless Access:** content adaptation, location-based services, mobile transactions, personalization, mobile service discovery & delivery
- **Ubiquitous and Pervasive Computing:** smart space architecture and middleware, sensor networks and sensor web, pervasive programming models and tools,

### Enabling technologies for the Internet:

- **Software Architectures:** service-oriented architectures, GRID computing, peer-to-peer and overlay networks, mobile agents, very large scale server systems
- **Standards:** including XML, WSDL, WSFL, ebXML, Java, JXTA, .NET, EchoNet, SODA, others.
- **Internet Security:** architecture, threats, detection, countermeasures, trust models, others.
- **Network and Protocol Architectures:** routing, performance, ad-hoc, sensor and mobile networks, IPv6
- **Information Appliances:** smart phones, PDAs, sensor platforms, RFID based and embedded computers

## Workshops and Panels

Full- and half-day workshop and panel proposals related to SAINT2008 theme are solicited. Workshop proposals should be submitted directly to the Workshops Chairs. After the review of proposals, the accepted Workshops Call For Papers must be sent to the Workshop Chairs. SAINT2008 specifically welcomes Workshops organized and paper-presented by Ph.D students. Panel proposals should be submitted directly to Panels Chairs. (e-mail address for submission should be announced later at <http://www.saintconference.org>)

## Publications

The Proceedings of the Symposium and the Workshops will be published by the IEEE Computer Society Press. There are plans to invite several authors to provide revised papers for special issues of IEEE-CS or IPSJ magazines and journals.