

# The 9<sup>th</sup> Annual Symposium on Applications & the Internet **SAINT2009**

Seattle, USA, 20 - 24 July 2009



<http://www.saintconference.org>

**Co-sponsored by:**

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

**Co-located with:**

**The 33<sup>rd</sup> Annual IEEE International Computer Software and  
Applications Conference (**COMPSAC2009**)**



## 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, etc.
- **Internet Security:** architecture, threats, detection, countermeasures, trust models, others.
- **Network and Protocol Architectures:** routing, performance, ad-hoc, sensor and mobile networks, broadband wireless access, IPv6
- **Information Appliances:** smart phones, PDAs, mobile Internet device, sensor platforms, RFID based and embedded computers

## IMPORTANT DATES

Symposium Paper Submission: **January 31, 2009**  
Symposium Author Notification: March 31, 2009  
Symposium Final Manuscript: April 30, 2009  
Workshop Proposals: **November 15, 2008**  
Workshop Call for Papers: December 15, 2008  
Workshop Paper Submission: **February 28, 2009**  
Workshop Author Notification: March 31, 2009  
Workshop Final Manuscript: April 30, 2009  
Authors Registration Due: **April 30, 2009**  
Panel Proposals: **December 15, 2008**

## Message to Industry

SAINT has been one of the major forums to discuss the state of the art Internet-related technologies for not only academia but also industry. SAINT2009 is considering an opportunity where industry will be able to make an appeal of new technologies. Please keep a close watch on the SAINT web page.

## Workshops and Panels Proposals

Full- and/or half-day workshop and panel proposals related to SAINT theme are solicited. Workshop proposals should be submitted to Workshops Chairs. After the review of proposals, the accepted Workshop Call For Papers must be sent to the Workshop Chairs. Workshops Call For Papers will then be announced on the SAINT web page. Panel proposals should be submitted to Panel Chairs. E-mail addresses for submission will be announced later at the SAINT Web page.

## Paper Submission and Reviews

Symposium paper submission will be done electronically. Information for prospective authors, including paper format and instructions can be found on the SAINT Web page. Symposium Papers will be reviewed by at least three reviewers, and SAINT has been keeping its acceptance ratio less than 30% from the beginning.

Workshop papers will be sent to each Workshop's Organizers and should be reviewed by each Workshop's Program Committee, taking account of a reasonable acceptance ratio.

## Publications

The Proceedings of the Symposium and the Workshops will be published by the IEEE Computer Society Press. At least one full registration is required for publication of Symposium and Workshops Proceedings.

## Best Paper Award

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