Upcoming Events

IEEE Int’l Symp. Multimedia
5–7 December 2011
Dana Point, California

Sponsored by IEEE Computer Society and the IEEE Technical Committee on Multimedia Computing, ISM 2011 is an international forum for researchers to exchange information regarding advances in the state of the art and practice of multimedia computing, as well as to identify emerging research topics and define the future of multimedia computing. Potential topics include multimedia file systems, databases, and retrieval; architecture specification languages; multimedia in social network analysis; and rich media-enabled e-commerce.

For more information visit http://ism.eecs.uci.edu.

11th IEEE Int’l Conf. Data Mining
11–14 December 2011
Vancouver, Canada

Sponsored by IEEE Computer Society, ICDM 2011 calls itself the world’s premier research conference on data mining. It provides an international forum for presentation of original research results, as well as for the exchange and dissemination of innovative, practical development experiences. The conference covers all aspects of data mining, including algorithms, software and systems, and applications.

ICDM draws researchers and application developers from a wide range of data mining-related areas such as statistics, machine learning, pattern recognition, databases and data warehousing, data visualization, knowledge-based systems, and high-performance computing. By promoting novel, high-quality research findings, and innovative solutions to challenging data mining problems, the conference seeks to continuously advance the state of the art in data mining. Besides the technical program, the conference features workshops, tutorials, panels, and the ICDM data mining contest.

For more information visit http://webdocs.cs.ualberta.ca/~icdm2011.

IEEE Int’l Conf. Service-Oriented Computing and Applications
12–14 December 2011
University of California, Irvine

With the ever-increasing complexity of computing systems, service-oriented computing (SOC) is considered a key technology for the development of robust and high-quality distributed applications. Extensive research and development in the past few years has pushed SOC technology into numerous application areas including business processes, high-performance computing, Web-based services, and embedded systems. With more and more services being moved into the cloud, and the increasing prevalence of ubiquitous end devices that interface with the physical world, this presents an opportune moment to reexamine the directions of SOC research and identify new research opportunities and challenges.

SOCA is an annual conference of the IEEE Technical Committee on Business Informatics.

Call for Papers

13th Int’l Symp. World of Wireless, Mobile, and Multimedia Networks
25–28 June 2012
San Francisco, CA

The evolution of wireless networking technologies and their key role in future Internet scenarios offer an increasing wealth of opportunities for distributing multimedia content over wireless networks, enabling dissemination of professional content to mobile users as well as sharing user-generated content between them. In the future, users will be able to retrieve, publish, and manage information, communicate with other users or devices, access and author services, and create and exploit context awareness. With this context in mind, potential paper topics for this conference include but are not limited to energy-efficient protocols and power management; mobile social networking; participatory and urban sensing; location mechanisms and services; and wireless security, dependability, reliability, and survivability. The submission deadline is 2 December 2011. For a list of additional topics and submission instructions visit http://wowmom2012.it.uc3m.es.
and Systems. SOCA 2011 provides an international forum for researchers from multiple disciplines to exchange and share their experiences, ideas, and latest research results on all aspects of SOC. The program will consist of invited talks, technical paper presentations, tutorials, industry sessions, workshops, and panel discussions.

For more information visit http://link.eecs.uci.edu/conferences/soca2011.

**17th IEEE Int’l Conf. on Networks**
14–16 December 2011
**Singapore**

ICON 2011 will provide an open forum for researchers, engineers, and academics to exchange the latest innovations and research advancements on next-generation computer-network architectures, protocols, and algorithms (wired, wireless, ad-hoc, mesh, and sensor); content networking and multimedia delivery technologies; and centralized and distributed networked systems, applications, and services. One day of tutorials and two days of technical presentations are planned for the conference. The conference will also include invited speakers and poster presentations.

For more information visit http://www.ieee-icon.org/2011.

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Selected CS articles and columns are also available for free at http://ComputingNow.computer.org.