CALLS FOR ARTICLES FOR IEEE CS PUBLICATIONS

Information technology has become ubiquitous in healthcare environments. It provides the link that lets functions like admissions, patient charting, and billing communicate with one another. IT Professional magazine seeks articles for a March/April 2008 special issue on healthcare IT.

Interoperability standards are being developed at both national and international levels, and the privacy of healthcare information is a growing concern. IT Professional is soliciting papers on these and similar topics relating to the use of IT in healthcare.

Topics of interest include the role of IT networks, data management, and the electronic medical record in the automation of medical information management, IT for genomic and pharmacogenomic research, data management and storage for health IT, and state-of-the-practice articles on health IT standardization efforts.

Submissions are due by 15 November. To view the complete call for papers, visit www.computer.org/itpro. Visit www.computer.org/itpro/author.html for detailed author instructions.

CALLS FOR PAPERS


ISMVL 2008, 38th Int'l Symp. on Multiple-Valued Logic, 22-24 May, Dallas; Submissions due 1 Nov. http://engr.smu.edu/ismvl08/cfp/ismvl08CFP.htm


CALENDAR

NOVEMBER 2007


7-9 Nov: HLDVT 2007, IEEE Int'l High-Level Design Validation and Test Workshop, Irvine, Calif.; http://hldvt.com/07

DECEMBER 2007


COMPSAC 2008

The 32nd IEEE International Computer Software and Applications Conference is a major international forum for researchers, practitioners, managers, and policy makers interested in computer software and applications.

The technical program includes keynote addresses, research papers, industrial case studies, panel discussions, and abstracts of papers on cutting-edge research topics. It also features a slate of workshops on important emerging issues.

COMPSAC 2008 will feature research and industrial practice papers addressing a range of topics, focusing on the software engineering of critical infrastructure systems such as civil, telecommunications, and medical systems. Organizers have solicited papers on topics that include requirement analysis, co-analysis and codesign, modeling, design, testing, and validation for performance, safety, security, and dependability constraints.

The conference, which shares a venue this year with the 2008 International Symposium on Applications and the Internet, will take place from 28 July to 1 August 2008 in Turku, Finland.

Visit http://conferences.computer.org/compsac/2008 for complete details on COMPSAC 2008, including registration information as it becomes available.
17-20 Dec: ICIT 2007, 10th Int'l Conf. on Information Technology, Rourkela, India; http://icit2007.home.comcast.net

JANUARY 2008

7-10 Jan: HICSS 2008, Hawai'i Int'l Conf. on System Sciences, Waikoloa, Hawai'i; www.hicss.hawaii.edu/hicss_41/apahome41.html

FEBRUARY 2008


MARCH 2008


APRIL 2008

7-12 Apr: ICDE 2008, 24th IEEE Int'l Conf. on Data Engineering, Cancun, Mexico; www.icde2008.org

14-15 Apr: RAW 2008, 15th Reconfigurable Architectures Workshop (with IPDPS), Miami; www.ece.lsu.edu/vaidy/raw


18 Apr: SSN 2008, 4th Int'l Workshop on Security in Systems and Networks (with IPDPS), Miami; www.cse.buffalo.edu/~fwu2/ssn08

MAY 2008


22-24 May: ISMVL 2008, 38th Int'l Symp. on Multiple-Valued Logic, Dallas; http://engr.smu.edu/ismvl08

24 May: ULSI 2008, 17th Int'l Workshop on Post-Binary ULSI Systems (with ISMVL), Dallas; http://engr.smu.edu/ismvl08

JULY 2008


Call for Articles for Computer

Computer seeks articles for a July 2008 special issue on high-assurance service-oriented architectures. The guest editors are Jing Dong from the University of Texas at Dallas, Raymond Paul from the US Department of Defense, and Liang-Jie Zhang from IBM’s T.J. Watson Research Center.

Recent advances in services computing technology allow software services to be registered, requested, discovered, and supplied online. Such loosely coupled software services form a service-oriented architecture with the support of resources on a network. Service-oriented architectures have been applied in many mission-critical environments including medical and healthcare systems, traffic control applications, and defense systems. These systems are required to be highly reliable, secure, available, timely, fault-tolerant, and dependable. Recently, architects have come to face new challenges in developing service-oriented systems with high assurance requirements.

Computer invites papers that describe techniques, tools, or experiences related to the design, development, or assessment of practical high-assurance systems. Editors are particularly interested in submissions that address applications of service-oriented techniques. Examples of suitable topics include high-assurance service compositions; service specifications for security, reliability, dependability, availability, and QoS properties; service discoveries with high-assurance system requirements; and service security, trust, and privacy.

The deadline for papers is 14 December. Detailed author instructions are available at www.computer.org/portal/pages/computer/mc/author.html. Send inquiries to the guest editors at jdong@utdallas.edu, Raymond.Paul@osd.mil, or zhanglj@us.ibm.com.