CALLS FOR ARTICLES FOR IEEE CS PUBLICATIONS

IEEE Pervasive Computing seeks articles for a December 2008 issue on environmental sustainability. The creation, use, and disposal of large quantities of pervasive technologies such as sensors and mobile devices have strong implications for resource consumption and waste production. Submissions should address design for technology reuse, repurposing, or lifetime extension; sensor network applications that support the efficient use or protection of natural resources; novel systems, devices, or interfaces that support stewardship of the natural environment; and resource-efficient system design, among other topics.

Articles are due by 23 June. Visit www.computer.org/pervasive to view detailed author instructions and the complete call for papers.

CALLS FOR PAPERS

ICWS 2008, IEEE Conf. on Web Services, 23-26 Sept., Beijing; Submissions due 7 Apr.; http://conferences.computer.org/icws/2008/call-for-papers.html


CALENDAR

APRIL 2008

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


14 Apr: HiCOMB 2008, 7th IEEE Int'l Workshop on High-Performance Computational Biology (with IPDPS), Miami; www.hicomb.org


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

14-17 Apr: CSEET 2008, 21st IEEE Conf. on Software Eng. Education and Training, Charleston, South Carolina; www.csc2.ncsu.edu/conferences/cseet


18 Apr: RoSOC-M 2008, Int'l Workshop on the Role of Services, Ontologies, and Context in Mobile Environments (with MDM), Beijing; http://events.deri.at/RoSOC-M

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


5-7 May: ISORC 2008, 11th IEEE Int'l Symp. on Object/Component/Service-Oriented Real-Time Distributed Computing, Orlando, Florida; http://ise.gmu.edu/isorc08
Call for Articles for Computer

Computer seeks articles for a December 2008 special issue on trust management in Web service environments.

A key challenge for the envisioned service Web, where services are considered as first-class objects, is to provide a trusted framework for enabling composition and selection of Web services in a large, highly volatile, and dynamic environment. The intentional lack of any global monitoring system, while undeniably desirable, has also exacerbated the problem of trust management in Web service environments.

The inherently open and unpredictable nature of Web service environments means that traditional approaches are of little help in providing a framework for interactions. This special issue of Computer will cover the core challenges and solutions to enabling trust in Web service environments.

Topics of interest include trust models and metrics, bootstrapping trust among Web services, trust tampering detection and prevention, trust in Web service standards, agent- and reputation-based trust management, and case studies for trust management among Web services.

Authors should present a proof of concept for any novel technique and discuss the significance and applicability of their proposed architecture or system. All papers are subject to expert peer review.

Direct inquiries to the guest editors, Elisa Bertino, Purdue University, bertino@cs.purdue.edu, or Athman Bouguettaya, Commonwealth Scientific and Industrial Research Organization, athman.bouguettaya@csiro.au. Paper submissions are due by 1 June. Complete submission instructions are available at www.computer.org/portal/pages/computer/content/author.html.

JUNE 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


25-28 May: WaGe 2008, 3rd Int’l Workshop on Workflow Management and Applications in Grid Environments (with GPC), Kunming, China; www.swinflow.org/confsaWGe08/Wage08.htm

25-28 May: WMCS 2008, 4th Int’l Workshop on Mobile Commerce and Services (with GPC), Kunming, China; www.engr.sjsu.edu/wmcs


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Events in 2008

APRIL
7-12  . . . . . . . . . . . . . ICDE 2008
8-12  . . . . . . . . . . . . . MCN 2008
14  . . . . . . . . . . . . . HiCOMB 2008
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23-26  . . . . . . . . . . . . . ICITA 2008
24-27  . . . . . . . . . . . . . LICS 2008

23-26 June: ICITA 2008, 5th Int’l Conf. on Information Technology and Applications, Cairns, Australia; www.icita.org

24-27 June: LICS 2008, IEEE Symp. on Logic in Computer Science, Pittsburgh, Pennsylvania; www2.informatik.hu-berlin.de/lics/lics08

JULY 2008


28 July-1 Aug: SAINT 2008, IEEE/IPSJ Symp. on Applications and the Internet (with COMPSAC), Turku, Finland; www.saintconference.org

ICGSE 2008

In recent years, the globalization of software development has become pervasive in the IT and software industries. An expanding diversity of culture and communication and the increasing dispersion of resources over time and space require novel techniques, tools, and practices from many disciplines to overcome numerous difficulties and to take advantage of rare opportunities.

The Third International Conference on Global Software Engineering brings together researchers and practitioners from a broad cross-section of industry and academia to explore how globally distributed teams can work to meet these challenges.

ICGSE 2008 takes place in Bangalore, India, 17-20 August. The four-day program includes contributed papers, tutorials, and a doctoral symposium, complemented by workshops held throughout the week.

For further details, visit the ICGSE website at www.icgse.org.