Call for Articles for *Computer*

Computer seeks articles for an April 2009 theme issue on interoperable identity management systems.

Today, broadband access contributes to the sustained development of service-oriented economies. Opportunistic, automated transactions require accurate and trustworthy exchange of information about the parties, while personal information is used to commit to legally binding transactions and to permit customized service offerings. The use of personally identifiable attributes constituting digital identity is becoming an integral part of B2B and B2C processes and of many online social activities.

The guest editors solicit papers that address practical concerns, explore leading-edge engineering advances, envision shifts in computing paradigms in the area of interoperable IdM systems, and investigate expected social impacts.

Direct inquiries to guest editors Piotr Pacyna, pacyna@kt.agh.edu.pl; Anthony Rutkowski, trutkowski@verisign.com; Amardeo Sarma, sarma@netlab.nec.de; or Kenji Takahashi, takahashi.kenji@lab.ntt.co.jp. Paper submissions are due by **15 September**. Complete submission instructions are available at www.computer.org/portal/pages/computer/content/author.html.

CALLS FOR ARTICLES FOR IEEE CS PUBLICATIONS

IEEE Transactions on Haptics seeks articles for a July-September 2009 special issue on ambient haptic systems. Ambient systems are seamlessly integrated into a user environment, providing unobtrusive yet interactive access to digital media. They can be found increasingly in settings that range from vehicle cockpits to portable devices to homes, offices, and hospitals. Haptics as a modality has an important role to play in the evolution of ambient interfaces. The haptic modality is largely untapped, while the vision and auditory modalities are often saturated.

Submission Instructions

The Call and Calendar section lists conferences, symposia, and workshops that the IEEE Computer Society sponsors or cooperates in presenting.

Visit www.computer.org/conferences for instructions on how to submit conference or call listings as well as a more complete listing of upcoming computer-related conferences.

The guest editors invite papers that cover all aspects of haptic user interfaces as they pertain to ambient systems. Suitable topics include the psychophysical and behavioral aspects of the haptic modality, sensor and actuator design, haptic interaction design, and the integration of haptics in various domains or across domains.

Articles are due by **15 October**. Visit www.computer.org/toh to view the complete call for papers and submission instructions.

IEEE Software seeks articles for a May/June 2009 issue on software development for embedded systems. Guest editors invite papers that address concept and development activities as well as the evolution and maintenance of systems from such different industry domains as medicine, transportation, and automation.

Suitable paper topics include communication protocols and middleware for embedded systems, modeling of quality attributes, and concepts for maintenance, robustness, and remotely diagnosable embedded system architecture.

Articles are due by **1 November**. Visit www.computer.org/software to view detailed author instructions and the complete call for papers.

CALLS FOR PAPERS

Arith 2009, IEEE 19th Int'l Symp. on Computer Arithmetic, 8-10 Jun., Portland, Oregon; Submissions due **15 October;** www.ac.usc.es/arith19/callforpapers

RE 2009, IEEE Int'l Requirements Eng. Conf., 31 Aug.–4 Sept., Atlanta; Abstracts due **2 February 2009;** www.re09.org

CALENDAR
OCTOBER 2008

1-3 Oct: PST 2008, 6th Conf. on Privacy, Security, and Trust, Fredericton, Canada; www.unb.ca/pstnet/pst2008

1-3 Oct: Tabletop 2008, IEEE Int'l Workshop on Horizontal Interactive Human-Computer Systems, Amsterdam; www.ieeetabletop.org

3-4 Oct: WSE 2008, 10th IEEE Int'l Symp. on Web Site Evolution (with ICSM), Beijing; http://wse2008.fbk.eu

8 Oct: Music and Multimedia 2008, The Use of Symbols to Represent Music and Multimedia Objects, Lugano, Switzerland; www.cm.supsi.ch

12-14 Oct: WIMOB 2008, IEEE Int'l Conf. on Wireless and Mobile Computing, Networking, and Communications, Avignon, France; www.lia.univ-avignon.fr/wimob2008

12-15 Oct: ICCD 2008, IEEE Int'l Conf. on Computer Design, Rome; www.iccd-conference.org

12-15 Oct: HotWeb 2008, IEEE Workshop on Hot Topics in Web Systems and Technologies, Evanston, Illinois; www.aqualab.cs.northwestern.edu/HotWeb08

13-15 Oct: CRITIS 2008, 3rd Int'l Workshop on Critical Information Infrastructures Security, Rome; http://critis08.dia.uniroma3.it

14 Oct: LCN On-Move 2008, 2nd IEEE LCN Workshop on User MObility and VEhicular Networks (with LCN), Montreal; www.ieee-lcn-onmove.org

14-16 Oct: CSA 2008, Int'l Symp. on Computer Science and its Applications, Australia; www.sersc.org/CSA2008

14-16 Oct: UMC 2008, Int'l Symp. on Ubiquitous Multimedia Computing (with CSA), Australia; www.sersc.org/UMC2008

14-17 Oct: LCN 2008, 33rd IEEE Conf. on Local Computer Networks, Montreal; www.ieeelcn.org

15-17 Oct: AIPR 2008, 37th IEEE Applied Imagery Pattern Recognition Workshop, Washington, D.C.; www.aipr-workshop.org

17-18 Oct: ISCID 2008, Int'l Symp. on Computational Intelligence and Design, Wuhan, China; www.iscid08.org

19-24 Oct: ES-Week 2008, 4th Embedded Systems Week, Atlanta; www.esweek.org

20-22 Oct: ICICTA 2008, Int'l Conf. on Intelligent Computation Technology and Automation, Changsha, China; www.icicta.org

20-22 Oct: IMCSIT 2008, Int'l Multiconf. on Computer Science and Information Technology, Wisla, Poland; www.imcsit.org

20-22 Oct: SASO 2008, 2nd IEEE Int'l Conf. on Self-Adaptive and Self-Organizing Systems, Venice, Italy; http://polaris.ing.unimo.it/saso2008/index.html

21-23 Oct: FTDSC 2008, 12th IEEE Int'l Workshop on Future Trends of Distributed Computing Systems, Kunming, China; http://dpse.eas.asu.edu/ftdcs2008

22-24 Oct: ICEBE 2008, IEEE Int'l Conf. on e-Business Eng., Xi'an, China; http://conferences.computer.org/icebe

Events in 2008

OCTOBER

NOVEMBER

DECEMBER

27-29 Oct: DS-RT 2008, 12th IEEE Int'l Symp. on Distributed Simulation and Real-Time Applications (with ACM MSWIM), Vancouver, Canada; www.cs.unibo.it/ds-rt2008

Tapia 2009

The 2009 Richard Tapia Celebration of Diversity in Computing Conference aims to provide a supportive networking environment for underrepresented groups across a broad range of computing and information technology disciplines.

Organizers have solicited papers on topics that include all areas of computing, computational math and science, and diversity issues in these disciplines. Acceptable submissions include papers coauthored by students, and papers by new investigators on original research, as well as thesis summaries, projects, and descriptions of goals and interim results of continuing research. A robotics competition at Tapia 2009 welcomes students interested in building and programming robots to operate in virtual and real-world environments.

Among other events at Tapia 2009 is a student-focused poster session that provides a place to present new research results in an informal, supportive setting. The top three posters in the graduate and undergraduate student categories will advance to the ACM Student Research Competition Grand Finals.

Sponsored by the ACM in cooperation with the Computing Research Association, Tapia 2009 takes place **1-4 April 2009,** in Portland, Oregon.

For complete conference details, including registration information as it becomes available, visit www.tapiaconference.org/2009/index.html.

NOVEMBER 2008

3-5 Nov: ICTAI 2008, 20th IEEE Int'l Conf. on Tools for Artificial Intelligence, Fairborn, Ohio; http://dblab.cs.wright.edu/ictai2008

8-12 Nov: ANCS 2008, ACM/IEEE Symp. on Architectures for Networking and Communications Systems, San Jose, California; www.cse.wustl.edu/ANCS

8-12 Nov: Micro-41, 41st Int'l Symp. on Microarchitecture, Lake Como, Italy; www.microarch.org/micro41

10-14 Nov: ISSRE 2008, 19th Int'l Symp. on Software Reliability Eng., Redmond, Washington; www.issre.org

10-14 Nov: SEFM 2008, 6th IEEE Int'l Conf. on Software Eng. and Formal Methods, Cape Town, South Africa; www.iist.unu.edu/SEFM08

12-14 Nov: ECOWS 2008, 6th IEEE European Conf. on Web Services, Dublin, Ireland; www.computing.dcu.ie/ecows08

15-21 Nov: SC 2008, Supercomputing Conf., Austin, Texas; www.sc08.supercomputing.org

24-27 Nov: ATS 2008, 17th Asian Test Symp., Sapporo, Japan; http://ats08.info.hiroshima-cu.ac.jp

27-28 Nov: WRTLT 2008, 9th IEEE Workshop on RTL and High-Level Testing (with ATS), Sapporo, Japan; http://aries3a.cse.kyutech.ac.jp/wrtlt08

DECEMBER 2008

3-5 Dec: HASE 2008, 11th IEEE Int'l Symp. on High-Assurance Systems Eng., Nanjing, China; http://cs.nju.edu.cn/hase08/main.html

9-12 Dec: WI-IAT 2008, IEEE/WIC/ACM Int'l Conf. on Web Intelligence & IEEE/WIC/ACM Int'l Conf. on Intelligent Agent Technology, Sydney; http://datamining.it.uts.edu.au/wi08/html/wi

9-12 Dec: ADMI 2008, IEEE/WIC/ACM Int'l Workshop on Agents and Data Mining Interaction (with WI-IAT), Sydney; www.agentmining.org/admi08

10-12 Dec: CIMCA 2008, 2008 Int'l Conf. on Computational Intelligence for Modelling, Control and Automation (with IAWTIC and ISE), Vienna; http://community.ise.canberra.edu.au/conference/cimca08

15-17 Dec: ISM 2008, IEEE Int'l Symp. on Multimedia, Berkeley, California; http://ism2008.eecs.uci.edu

17-20 Dec: ESO 2008, 3rd Int'l Workshop on Embedded Software Optimization (with EUC), Shanghai; www.utdallas.edu/~qiumk/ESO2008

17-20 Dec: EUC 2008, IEEE/IFIP Int'l Conf. on Embedded and Ubiquitous Computing, Shanghai; http://epcc.sjtu.edu.cn/euc2008/index.html

17-20 Dec: HiPC 2008, Int'l Conf. on High-Performance Computing, Bangalore, India; www.hipc.org

20-21 Dec: KAM 2008, Int'l Symp. on Knowledge Acquisition and Modeling, Wuhan, China; www.ieee-kam.cn

JANUARY 2009

8-10 Jan: ICWIS 2009, Int'l Conf. on Web Intelligence Systems, Chennai, India; www.rajalakshmi.org/icwis09