CALLS FOR ARTICLES FOR IEEE CS PUBLICATIONS

IEEE Intelligent Systems seeks articles for a March 2009 special issue on artificial intelligence and cultural heritage. While people have long collected objects such as books, sculptures, statues, and paintings, they now also face the preservation and archival of digital artifacts. This special issue seeks to explore problems and solutions to cultural heritage challenges in the digital age.

Suitable topics for papers include knowledge representations and reasoning, feature detection techniques for analyzing digital artifacts, and intelligent interface support for professional and lay users.

Submissions are due by 15 August. Visit www.computer.org/portal/pages/intelligent/content/CulHerCFP.html to view the complete call for papers.

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.

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.

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


CALENDAR

AUGUST 2008


9-10 Aug: RT 2008, IEEE Symp. on Interactive Ray Tracing (with Siggraph), Los Angeles; www.sci.utah.edu/rt08


17-20 Aug: ICGSE 2008, Int’l Conf. on Global Software Eng., Bangalore, India; www.icgse.org

SEPTEMBER 2008

1-2 Sept: WGEC 2008, 2nd Int’l Conf. on Genetic and Evolutionary Computing, Jingzhou, China; http://jky.yangtzeu.edu.cn/wgec/index.htm
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 that 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.

Services, Beijing; http://conferences.computer.org/icws/2008


1-3 Sept: AVSS 2008, 5th IEEE Int’l Conf. on Advanced Video and Signal-Based Surveillance, Santa Fe, New Mexico; www.cpl.uh.edu/avss2008


8 Sept: REV 2008, 37th Int’l Conf. on Parallel Processing, Portland, Oregon; www.cse.ohio-state.edu/~icpp2008

8-12 Sept: ICPP 2008, 37th Int’l Conf. on Parallel Processing, Portland, Oregon; www.cse.ohio-state.edu/~icpp2008


9 Sept: MERE 2008, 37th Int’l Conf. on Parallel Processing, Portland, Oregon; www.cse.ohio-state.edu/~icpp2008


16-20 Sept: VL/HCC 2008, IEEE Symp. on Visual Languages and Human-Centric Computing, Herrsching am Ammersee, Germany; http://vlhcc08.cs.unibw.de


July 2008 73
SASO 2008

The complexity of current and emerging computing systems has led the software engineering, distributed systems, and management communities to look for inspiration in diverse fields, like complex systems, artificial intelligence, sociology, and biology, to find new ways of designing and managing networks, systems, and services.

The 2008 IEEE International Conference on Self-Adaptive and Self-Organizing Systems, which takes place **20-24 October** in Venice, Italy, brings together researchers, academics, and practitioners to discuss the state of the science of self-adaptive systems.

Organizers have solicited papers on topics that include self-organization, self-adaptation, and theories, frameworks and methods for creating and managing self-adaptive systems (including self-monitoring, self-tuning, self-repairing, and self-configuring systems).

Hosted workshops at SASO include the Workshop on Spatial Computing, the Workshop on Pervasive Adaptation, and the Workshop on Decentralized Self Management for Grids, P2P, and User Communities.

For complete conference details, including registration information as it becomes available, visit http://polaris.ing.unimo.it/saso2008.

OCTOBER 2008


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


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


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

NOVEMBER 2008

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


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**


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.ieeekam.cn

**JANUARY 2009**

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

**MARCH 2009**

16-20 Jan: PerCom, 7th IEEE Int'l Conf. on Pervasive Computing and Communications, Dallas; www.rajalakshmi.org

### Events in 2008

**AUGUST 2008**

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