



CALLS FOR IEEE CS PUBLICATIONS

IEEE Internet Computing magazine plans a September/October 2006 special issue on Web services for geographic information systems. *Internet Computing* seeks papers on topics that include distributed spatial/spatiotemporal databases, performance evaluation of large-scale GIS Web servers, and design and implementation of the semantic geospatial Web.

Internet Computing targets the technical and scientific Internet user communities as well as designers and developers of Internet-based applications and their enabling technologies. Complete author instructions are available at www.computer.org/internet/author.htm.

Submissions are due by **1 February 2006**. View the complete call for papers at www.computer.org/portal/pages/internet/content/cfp.html.

IEEE Computer Graphics and Applications magazine plans a January/February 2007 special issue on sketching. *CG&A* seeks papers on topics that include novel and multimodal input technologies, gestural techniques, handling ambiguities, and case studies of working systems.

CG&A bridges the theory and practice of computer graphics. From specific algorithms to full system implementations, *CG&A* offers a unique combination of peer-reviewed feature articles

Submission Instructions

The Call and Calendar section lists conferences, symposia, and workshops that the IEEE Computer Society sponsors or cooperates in presenting. Complete instructions for submitting conference or call listings are available at www.computer.org/conferences/submission.htm.

A more complete listing of upcoming computer-related conferences is available at www.computer.org/conferences/.

and informal departments. Complete author instructions are available at www.computer.org/portal/pages/cga/content/mc/author.html.

Submissions are due by **7 May 2006**. View the complete call for papers at www.computer.org/portal/site/cga/.

OTHER CALLS

ICME 2006, IEEE Int'l Conf. on Multimedia & Expo, 9-12 July 2006, Toronto. Tutorials due **1 December**; papers due **31 December**. www.icme2006.org/

ICIS 2006, 5th Int'l Conf. on Computer & Information Science, 12-14 July 2006, Honolulu. Full paper submissions due **15 February 2006**. <http://acis.cps.cmich.edu:8080/ICIS2006/cfp.html>

ATS 2006, 15th Asian Test Symp., 20-23 Nov. 2006, Fukuoka, Japan. Sub-

missions due **1 May 2006**. <http://ats06.cs.ehime-u.ac.jp/>

CALENDAR

JANUARY 2006

5-7 Jan: ICVS 2006, 4th IEEE Int'l Conf. on Computer Vision Systems, New York. www.cs.colostate.edu/icvs06/ICVS06.htm

5-7 Jan: Tabletop 2006, First IEEE Int'l Workshop on Horizontal Interactive Human-Computer Systems, Adelaide, Australia. www.tinmith.net/tabletop2006/

8-11 Jan: Key West 2006, IEEE Key West Computer Elements Workshop, Key West, Fla. www.unf.edu/ccec/ieee/IEEE-2006-KeyWest-Call.pdf

17-19 Jan: Delta 2006, Int'l Workshop on Electronic Design, Test, & Applica-

Call for Articles for *Computer*

Computer magazine seeks articles for a special issue on public computing in city contexts, to appear in August 2006. Guest editors are Michele Chang from Intel and Irina Shklovski from Carnegie Mellon University.

In recent years, forces of technology, culture, and society have converged to reshape urban life. The urban experience has quickly emerged as a major focus for research on issues of mobility, location-based services, and pervasive computing. A city's complexities, embodied in its social, historical, and technological infrastructures, make it a viable alternative to the controlled environment of the lab.

Computer's special issue will be devoted to bringing members of the human-computer interaction (HCI) community together with researchers and practitioners from the fields of urban planning, architecture, and design to examine public interfaces and their effects on the urban environment. Public interfaces are systems that foster public dialog, facilitate the exchange of information and services, or encourage interaction between public entities and city inhabitants. *Computer* encourages systematic empirical studies or critical analyses of interdisciplinary research as well as descriptions of technology development.

Topics of particular interest include computing as a shared resource, surveillance and personal boundaries in public spaces, access as a means of control and discrimination, and supporting individuals in the production of knowledge.

The deadline for papers is **15 February 2006**. Author guidelines and submission instructions are available at www.computer.org/portal/pages/computer/mc/author.html.

Send inquiries to the guest editors at michele.f.chang@intel.com, or irinas@cs.cmu.edu.

tions, Kuala Lumpur, Malaysia. www.monash.edu.my/events/delta2006/

23-27 Jan: Saint 2006, Symp. on Applications & the Internet, Phoenix. <http://infonet.cse.kyutech.ac.jp/conf/saint06/>

FEBRUARY 2006

11-15 Feb: HPCA-12, 12th IEEE Int'l Symp. on High-Performance Computer Architecture, Austin, Texas. www.cse.psu.edu/conf/hpca/

13-16 Feb: ICCBSS 2006, 5th Int'l Conf. on COTS-Based Software Systems, Orlando, Fla. www.iccbss.org/2006/

MARCH 2006

2-3 Mar: ISVLSI 2006, IEEE Computer Soc. Ann. Symp. on VLSI, Karlsruhe, Germany. <http://isvlsi06.itiv.uni-karlsruhe.de/>

4-5 Mar: SLIP 2006, Int'l Workshop on System-Level Interconnect Prediction (with DATE), Munich. www.sliponline.org/

6-10 Mar: DATE 2006, Design, Automation, and Test in Europe, Munich. www.date-conference.com/

8-11 Mar: AICCSA 2006, 4th ACS/IEEE Int'l Conf. on Computer Systems & Applications, Dubai and Sharjah, UAE. www.cs.utk.edu/aiccsa06/

13-15 Mar: ASYNC 2006, 12th IEEE Int'l Symp. on Asynchronous Circuits & Systems, Grenoble, France. <http://tima.imag.fr/conferences/ASYNC/index.htm>

13-15 Mar: ISSSE 2006, IEEE Int'l Symp. on Secure Software Eng., Washington, D.C. www.jmu.edu/iiia/issse/

13-17 Mar: PERCOM 2006, 4th Ann. IEEE Int'l Conf. on Pervasive Computing & Comm., Pisa, Italy. <http://cnd.iit.cnr.it/percom2006/>

25-29 Mar: IEEE VR 2006, IEEE Virtual Reality Conf., Alexandria, Va. www.vr2006.org/

26-28 Mar: SSIAI 2006, IEEE Southwest Symp. on Image Analysis & Interpretation, Denver. www.cet.nau.edu/Research/SSIAI/

26-29 Mar: CGO 2006, 4th Ann. Int'l Symp. on Code Generation & Optimization, New York. www.cgo.org/

27-30 Mar: ECBS 2006, 13th Ann. IEEE Int'l Conf. & Workshop on the Eng. of Computer-Based Systems, Potsdam, Germany. <http://ecbs06.hpi.uni-potsdam.de/>

APRIL 2006

3 Apr: WIRI 2006, 2nd Int'l Workshop on Challenges in Web Information Retrieval & Integration (with ICDE), Atlanta. <http://research.nii.ac.jp/WIRI/>

3-7 Apr: ICDE 2006, 22nd IEEE Int'l Conf. on Data Eng., Atlanta. <http://icde06.cc.gatech.edu/>

4-7 Apr: RTAS 2006, 12th IEEE Real-Time & Embedded Technology & Applications Symp., San Jose, Calif. www.rtas.org/

6-7 Apr: WMCSA 2006, 7th IEEE Workshop on Mobile Computing Systems & Applications, Blaine, Wash. <http://research.ihost.com/wmcsa2006/>

8 Apr: STD3S, Int'l Workshop on Security & Trust in Decentralized/Distributed Data Structures (with ICDE), Atlanta. <http://lsirwww.epfl.ch/std3s/>

13-14 Apr: IWIA 2006, 4th IEEE Int'l Information Assurance Workshop, Egham, UK. <http://iwia.org/2006/>

18-20 Apr: AINA 2006, IEEE 20th Int'l Conf. on Advanced Information Networking & Applications, Vienna. www.aina-conference.org/2006/

18-21 Apr: DDECS 2006, 9th Int'l Workshop on Design & Diagnostics of Electronic Circuits & Systems, Prague. <http://ddecs06.felk.cvut.cz/>

19-21 Apr: COOL Chips 2006, Cool Chips IX: IEEE Symp. on Low-Power & High-Speed Chips, Yokohama, Japan. www.coolchips.org/

19-21 Apr: CSEET 2006, 19th Conf. on Software Eng. Education & Training, Kahuku, Hawaii. <http://db-itm.cba.hawaii.edu/cseet2006/>

International Conference on Data Engineering

Today's data engineers apply the latest engineering techniques and methodologies to the design, development, and assessment of information systems for different computing platforms and application environments. ICDE 2006, the 22nd International Conference on Data Engineering, features research results on advanced data-intensive applications and addresses late-breaking issues in data and knowledge engineering. Conference participants share solutions to problems facing today's information society and work together to identify new issues and directions for research and development work.

Conference organizers have solicited papers on topics that include data integration, interoperability, and metadata; stream processing and sensor databases; scientific and biological databases for bioinformatics; and Web data management for the Deep Web.

ICDE, set for 3-7 April 2006 in Atlanta, is sponsored by the IEEE Computer Society Technical Committee on Data Engineering. To learn more about ICDE 2006, visit <http://icde06.cc.gatech.edu/>.