IEEE Software seeks articles for a May/June 2009 issue on software development for embedded systems. The 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.
IEEE MultiMedia seeks articles for an October-December 2009 special issue on multimedia metadata and semantic management. Multimedia metadata description standards—for example, MPEG-7/21—proposed in recent years have added a new aspect to the creation of multimedia content and related semantic management.

The guest editors invite papers that assess current status and technologies, as well as outline major challenges to and future perspectives on multimedia production, management, and exchange. Suitable topics include multimedia retrieval, personalizing multimedia content, cross-media clustering, and mobile applications.

**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.

**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


**Calendar**

**November 2008**


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


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


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/wrlt08

**December 2008**


Articles are due by 15 January 2009. Visit www.computer.org/multimedia to view the complete call for papers and submission instructions.

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


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


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

FEBRUARY 2009

2-4 Feb: ESPW 2009, European Systems Packaging Workshop, Kinsale, Ireland; www.ewh.ieee.org/soc/cpmt/tc14

MARCH 2009

16-20 Jan: PerCom 2009, 7th IEEE Int'l Conf. on Pervasive Computing and Communications, Dallas; www.percom.org

JUNE 2009

8-10 June: Arith 2009, 19th IEEE Symp. on Computer Arithmetic, Portland, Oregon; www.ac.usc.es/arith19

**PerCom 2009**

The IEEE International Conference on Pervasive Computing and Communications, now in its seventh year, is a premier scholarly venue in the areas of pervasive computing and communications.

PerCom 2009 provides a high-profile, leading-edge forum for researchers and engineers alike to present state-of-the-art research in the respective fields of pervasive computing and communications. The conference features a heterogeneous mixture of presentation forums including core technical sessions, several targeted workshops, demonstrations, keynote speeches, and panel discussions from domain experts.

Organizers have solicited papers on topics that include mobile/wireless computing systems and services in pervasive computing, innovative pervasive computing applications, pervasive computing and communication architectures, and context-aware computing.

Fees for early registration by 15 February 2009 total $650 for Computer Society members. Student members pay $250. For complete conference details, visit www.percom.org.

**AUGUST 2009**


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**Call for Articles**

**IEEE Software** seeks practical, readable articles that will appeal to experts and nonexperts alike. The magazine aims to deliver reliable information to software developers and managers to help them stay on top of rapid technology change.

Author guidelines: www.computer.org/software/author.htm
Further details: software@computer.org
www.computer.org/software

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