**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/.

**CALLS FOR IEEE CS PUBLICATIONS**

By exploiting problem-specific characteristics, classical heuristic methods produce acceptable-quality solutions in modest computing times. Metaheuristics exploit not only the problem traits but also employ proven AI principles.

*IEEE Intelligent Systems* magazine plans a 2005 special issue on metaheuristic methods as applied to transportation and logistics. Topics of interest include evolutionary algorithms, adaptive-memory procedures, neural networks, and GRASP (Greedy Randomized Adaptive Search Procedures).

Submissions are due by 4 February. Visit www.computer.org/intelligent/cfp15.htm for the complete call.

*IEEE Pervasive Computing* magazine seeks articles for a July-September 2005 special issue on the use of pervasive computing in sports in ways that enhance the experiences of players, spectators, and judges. The issue aims to address a wide range of sports, including single-player, multiplayer and large team sports, as well as activities ranging from track and field to indoor team sports and racing. The editors welcome papers that report on the challenges of system integration and deployment or describe actual user experiences.

Manuscripts are due by 14 February. See the complete call at www.computer.org/pervasive/edcal0305.htm.

*IEEE Design & Test* magazine is seeking original manuscripts for a November/December 2005 special issue on 3D Integration. Topics include CAD methods that address the synthesis, placement, and routing of 3D designs and practical 3D integration technologies, including wafer stacking methods and IC technologies.

Additional topics of interest are architectural techniques that demonstrate the utility of 3D technology, architectural studies of caches, evaluations of single- and multicore systems, and the analysis of performance enhancements gained by using 3D designs in place of 2D designs.

The guest editors also seek papers that address design techniques for thermal management.

Submissions are due by 20 February. See the complete call at www.computer.org/dt/articles/cfp0605.htm.

An August/September 2005 special issue of *IEEE Intelligent Systems* aims to bridge the gap between data mining and bioinformatics. The guest editors seek papers that propose novel data mining techniques for challenges in areas that include the following: genomics, proteomics, and metabolomics; the diagnosis, prognosis, and treatment of diseases; drug design; systems biology; and the structure and function of proteins and RNA.

The deadline for submitting manuscripts is 7 March. See the full call for papers at www.computer.org/intelligent/cfp14.htm.

*IEEE Internet Computing* invites contributions for a November/December 2005 special issue on security for P2P systems and ad hoc networks. Topics include key management, access control, secure MAC protocols, performance and security trade-offs, and denial of service.

Manuscripts are due by 1 April. See the complete call at www.computer.org/internet/call4ppr.htm#v9n6.

For an October/November 2005 special issue on artificial intelligence and homeland security, *IEEE Intelligent Systems* is encouraging submissions of practical and novel AI technologies, techniques, methods, and systems. Submissions on all research areas relating to both AI and national or homeland security are welcome. Topics include bioterrorism tracking, alerting, and analysis; criminal data mining; deception detection systems; and crime and intelligence visualization.

Manuscripts are due by 1 April. See the complete call at www.computer.org/intelligent/cfp16.htm.

---

**2005 IEEE International Symposium on Electronics and the Environment**

The 2005 IEEE International Symposium on Electronics and the Environment provides an opportunity for innovators in the electronics and electronics recycling industries to share operational and management strategies, business practices, and regulatory concerns.

This year’s program will feature the latest in design, manufacturing, research, marketing, recycling practice, and policy making from world leaders in industry, academia, and government.

Conference organizers have also included a student poster competition in this year’s slate of events.

ISEE 2005, set for 16-19 May in New Orleans, is presented by the IEEE Computer Society’s Technical Committee on Electronics and the Environment, in conjunction with the International Association of Electronic Recyclers (IAER).

For more details, including exhibitor information, visit www.regconnect.com/content/isee/.
OTHER CALLS


11-13 Apr: ITCC 2005, Int'l Conf. on IT, Las Vegas. www.itcc.info/


20-22 Apr: Cool Chips VIII, Int'l Symp. on Low-Power & High-Speed Chips, Yokohama, Japan. www.coolchips.org/

MAY 2005


CALENDAR

FEBRUARY 2005


MARCH 2005


APRIL 2005


11-13 Apr: ITCC 2005, Int'l Conf. on IT, Las Vegas. www.itcc.info/


20-22 Apr: Cool Chips VIII, Int'l Symp. on Low-Power & High-Speed Chips, Yokohama, Japan. www.coolchips.org/


JUNE 2005


6-9 June: ICDCS 2005, 25th Int'l Conf. on Distributed Computing Systems, Columbus, Ohio. www.cse.ohio-state.edu/icdcs05/


28 June-1 July: DSN 2005, Int'l Conf. on Dependable Systems & Networks, Yokohama, Japan. www.dsn.org/


JULY 2005


AUGUST 2005


SEPTEMBER 2005

15-16 Sept: AVSS 2005, Conf. on Advanced Video & Signal-Based Surveillance, Como, Italy. www-dsp.elet.polimi.it/avss2005/


26-29 Sept: MASCOTS 2005, Int'l Symp. on Modeling, Analysis, & Simulation of Computer & Telecommunications Systems, Atlanta. Contact G. Riley, riley@ece.gatech.edu

OCTOBER 2005


NOVEMBER 2005


26-30 Nov: ICDM 2005, 5th IEEE Int'l Conf. on Data Mining, New Orleans. www.cacs.louisiana.edu/~icdm05/


DECEMBER 2005


Learn how others are achieving systems and networks design and development that are dependable and secure to the desired degree, without compromising performance.

This new journal provides original results in research, design, and development of dependable, secure computing methodologies, strategies, and systems including:

- Architecture for secure systems
- Intrusion detection and error tolerance
- Firewall and network technologies
- Modeling and prediction
- Emerging technologies

Publishing quarterly

Member rate:
$31 print issues
$25 online access
$40 print and online
Institutional rate: $275