CALLS FOR ARTICLES FOR IEEE CS PUBLICATIONS

IEEE Intelligent Systems seeks submissions for a September/October 2011 issue on brain informatics.

BI is an emerging multidisciplinary research field that focuses on the mechanisms underlying the human information-processing system. It investigates the essential functions of the brain, ranging from perception to thinking, and encompassing such areas as multi-perception, attention, memory, language, computation, heuristic search, reasoning, planning, decision making, problem solving, learning, discovery, and creativity.

The guest editors solicit papers on developing brain data grids and brain research support portals; cognitive architectures and their relations to functional magnetic resonance imaging (fMRI), electroencephalography (EEG), and magnetoencephalography (MEG); and brain data modeling and formal conceptual models of human brain data, among other topics.

Articles are due by 24 February. Visit www.computer.org/portal/web/computingnow/iscfp5 to view the complete call for papers.

IEEE Software invites submissions for a November/December 2011 special issue on studying professional software design. The issue will focus on empirical studies of, and reflective experience reports on, the behavior of professional software designers engaged in early software design—that stage of the development process during which the general shape of the eventual solution is formed. Early design may involve the conceptual design of the overall functionality of an application, its architecture, its user interface, or, as is often the case, some mix of those.

Early studies by Herb Krasner, Bill Curtis, Neil Iscoe, and others in the Empirical Studies of Programming community provided a glimpse into the many intricacies of how software is designed in professional practice, but since then the community has paid more attention to how it thinks software should be designed than how it actually is designed, a fact that seems strange given how successful software is.

Submissions should present insights into early software design, including studies of design teams and designers in action; comparisons across different settings, cultures, or development methods; interdisciplinary perspectives relating software design to other design disciplines; and theoretical foundations or context.

Articles are due by 8 April. Visit www.computer.org/portal/web/computingnow/swcfp6 to view the complete call for papers.

CALANDER

MARCH


21-25 Mar: SIMUTools 2011, 4th Int’l ICST Conf. on Simulation Tools and Techniques, Barcelona, Spain; www.simutools.org

APRIL


11-16 Apr: ICDE 2011, 30th IEEE Int’l Conf. on Data Engineering, Hanover, Germany; www.icde2011.org

MAY
1-5 May: VTS 2011, 29th VLSI Test Symp., Dana Point, California; www.
### EVENTS IN 2011

<table>
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<th>Month</th>
<th>Events</th>
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| March | 13-15 ISORC 2011  
20-25 ACSEAC 2011  
21-25 SIMUTools 2011 |
| April | 8-9 ICCP 2011  
10-15 InfoCom 2011  
11-16 ICDE 2011 |
| May | 1-5 VTS 2011  
16-18 ISSST 2011  
16-20 IPDPS 2011 |

### ECMS 2011

The 2011 IEEE Conference on Electronics, Control, Measurement, and Signals provides a forum for exchanging ideas, discussing research results, and presenting theoretical and practical applications in several areas of mechatronics. In its 10th incarnation, the biannual ECMS is the product of collaboration between two schools in France—the Technical University of Liberec and Paul Sabatier University.

The ECMS conference historically focuses on giving PhD students an opportunity to discuss their results in as wide a community as possible. Topics to be addressed at ECMS 2011 include intelligent materials and devices, networking and operating systems, transfer technologies, numerical linear algebra, and mechatronics theory and applications.


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### CALL AND CALENDAR

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**JUNE**


**JULY**


18-22 Jul: SAINT 2011, Symp. on Applications and the Internet (with COMPSAC), Munich; www.saintconference.org

**AUGUST**