New EICs Named for IEEE Computer Society Publications

The IEEE Computer Society’s Board of Governors has confirmed incoming editors in chief (EICs) of five transactions, three magazines, and Computing Now—the online portal providing time-limited free access to technical articles from all the Society’s periodical publications and conference proceedings.

• **George K. Thiruvathukal,** professor of computer science at Loyola University Chicago, was confirmed as EIC of *Computing in Science & Engineering*, a technical magazine copublished with the American Institute of Physics. Thiruvathukal is also a Computing Now associate editor.

• **Daniel Zeng,** professor of management information systems at the University of Arizona, is the incoming EIC of *IEEE Intelligent Systems*.

• **Shari Lawrence Pfleeger,** director of research for Dartmouth College’s Institute for Information Infrastructure Protection, will serve as the new EIC of *IEEE Security & Privacy*.

• **Cecilia Metra,** a professor at Università di Bologna and associate editor in chief of *IEEE Transactions on Computers*, is the new EIC of Computing Now. Metra is also a candidate for the IEEE Computer Society Board of Governors.

• **Jian Pei,** professor of computing science at Simon Fraser University in Canada, is the new EIC of *IEEE Transactions on Knowledge and Data Engineering*. Pei previously served as TKDE’s associate editor in chief.

• **David Forsyth,** a professor in the Department of Computer Science at the University of Illinois at Urbana-Champaign, will serve as EIC of *IEEE Transactions on Pattern and Machine Intelligence*. Forsyth was previously a member of TPAMI’s advisory board.

• **Ling Liu,** a professor in Georgia Institute of Technology’s College of Computing and 2012 winner of the IEEE Computer Society Technical Achievement Award, will serve as the new EIC of *IEEE Transactions on Services Computing*. Liu was formerly TSC’s associate editor.

• **Ying Xu,** the Regents-Georgia Research Alliance Eminent Scholar chair and professor of the Department of Biochemistry and Molecular Biology at the University of Georgia, Athens, was named EIC of the IEEE/ACM *Transactions on Computational Biology and Bioinformatics*.

• **Peter Brusilovsky,** a professor in the University of Pittsburgh’s School of Information Sciences, will serve as EIC of the quarterly *IEEE Transactions on Learning Technologies*.

Terms for the new EICs begin in January 2013 and end 31 December 2014.

### MICHIKO KAKU TO PRESENT SC 12 KEYNOTE ADDRESS

Michio Kaku, a world-renowned theoretical physicist and author of several international bestselling books, will deliver the keynote address at Supercomputing 2012 (SC 12). Kaku will base his address on his most recent book, *Physics of the Future: How Science Will Change Daily Life* (Doubleday, 2010), which gathers ideas from more than 300 experts, scientists, and researchers at the cutting edge of their fields to offer a glimpse of revolutionary developments in medicine, computing, quantum physics, and space travel over the next 100 years.

“Our community has entered a phase of radical change as we address the challenges of reaching exascale computation and the opportunities that big data will bring to science,” said Jeff Hollingsworth, SC 12 general chair, who is a professor in the University of Maryland’s...
“Dr. Kaku will provide a unique and inspirational message on the impact that addressing these challenges will have on science and business as well as for society at large.”

Kaku holds the Henry Semat Chair in Theoretical Physics at the City University of New York, where he has taught for nearly 30 years. He is a cofounder of string field theory and the leading candidate for completing Einstein’s dream of a “theory of everything”—that is, an equation that will summarize all physical laws of the universe.

SC 12 will take place 10-16 November 2012 at the Salt Palace Convention Center in Salt Lake City. As the premier international conference on high-performance computing, networking, storage and analysis, this year’s event is expected to attract as many as 11,000 attendees from academia, industry, and government. For additional information, visit http://sc12.supercomputing.org.

MORE THAN 300 VIDEOS NOW AVAILABLE ON CS YOUTUBE CHANNEL

As the example in Figure 1 shows, multimedia content that members receive with their Computer digital editions is also posted each month on the Computer Society’s YouTube video channel (www.youtube.com/user/ieeeComputerSociety). The channel features more than 300 videos on a wide range of technical topics and CS member services.

In addition to the current Computer’s multimedia content, the CS YouTube homepage features recorded video presentations from the three-day Cloud 2012 conference and profiles from CS Innovators, an ongoing series that features profiles of prominent computer scientists. This series includes an interview with Cleve Moler, the inventor of Matlab and the 2012 Computer Pioneer Award recipient.

You can subscribe to the CS YouTube channel by clicking the link on the channel homepage or on the Computing Now homepage www.computer.org/cc. Subscribers also can sign up to be notified each time a new video is added.

IRENA BOJANOVA TO LEAD CS CLOUD COMPUTING STC

Cloud computing is one of five Future Technologies Strategies identified in the IEEE Computer Society’s 2012-2014 Strategic Plan. The Society has established the Cloud Computing Special Technical Community (STC) and named Irena Bojanova, a professor at the University of Maryland’s University College, as its chair. The STC will lead CS efforts and coordinate with IEEE initiatives to define and formulate cloud computing concepts, including a framework architecture and interoperability principles and standards.

According to Bojanova’s CS volunteer blog post, “Our first goals are to coordinate the ongoing work on CC in conferences, standards, education, and publishing” (computersocietyvolunteerblog.computer.org/tag/irena-bojanova). “Near-future developments will focus on cloud security standards, data virtualization through advanced analytics and parallel-processing optimization, mobile applications, and PaaS for specialized mobile platforms.”

Bojanova urges CS members involved in cloud computing to join the STC, where they can contribute their expertise and expand their knowledge by working with others in this field. Contact her at ibojanova@ieee.org for additional information. Additional information about the CS Cloud Computing STC is also available at http://computer.org/cc.
CHANGE TO SOCIETY BYLAWS AVAILABLE ONLINE

At a June 2012 meeting in Seattle, the IEEE Computer Society Board of Governors approved the first reading of an amendment to Article II, Section 10 of the Society’s bylaws. Section 10 describes the process for selecting candidates for IEEE Delegate-Director-Elect Nominations.

Changes to existing Society bylaws that receive approval by the Board of Governors are listed by title in Computer, with links to website locations hosting the actual documents. The documents will be accessible at the website location until such time as the changes receive final approval.

The document for the currently proposed amendment is posted at the following URL:

Bylaws Article II, Section 10—IEEE Delegate-Director-Elect Nominations:
http://bit.ly/Mpz44n

Deletions are marked in strikeout text. Only relevant segments of the bylaws in question are reproduced.

Members can send comments to Anne Marie Kelly, amkelly@computer.org, by close of business, 2 November 2012.

NEW TITLE FROM IEEE CSPress

SCIENTIFIC FREEDOM & HUMAN RIGHTS
Scientists of Conscience During the Cold War
by Jack Minker

This memoir is a first-hand account of computer scientists working to safeguard the human rights of scientists throughout the world.

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—Professor Judea Pearl, UCLA

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