**Nominees for Computer Society Officers and Board of Governors Positions in 2010**

On the following pages are the position statements and biographies of the IEEE Computer Society’s candidates for president-elect, first and second vice presidents, and Board of Governors. Within each category, candidates are listed in alphabetical order. Election of officers to one-year terms and of Board members to three-year terms, each beginning 1 January 2010, will be by vote of the membership as specified in the bylaws.

Ballots must be returned no later than 12:00 noon EDT on Monday, **5 October**. Members in all regions can vote via the web at https://www.directvote.net/ieeecs, or by fax to Survey & Ballot Systems at +1 952 974 5110. Return ballots to the IEEE Computer Society, c/o Survey & Ballot Systems, PO Box 46430, Eden Prairie, MN 55344, USA. For replacement ballots, call +1 202 371 0101. Results will be announced in the December issue of *Computer*.

The opinions expressed in the statements are those of the individual candidates and do not necessarily reflect Computer Society positions or policies.

**NOMINEES FOR PRESIDENT-ELECT**

**Sorel Reisman**

*Position statement.* Times are bad, things are tough, and we all wonder where our careers will be in the next few years. Whether we are practitioners or academics, it’s a certainty that they will be different. When you elect me president of the Computer Society, I will bring the vision, experience, and discipline necessary to lead us through these troubled times into the uncharted future.

Over the past few years, the Society has been preparing for that future. We’ve defined a new strategic plan, restructured our staff and volunteer organizations, built a new technical infrastructure, and refocused our mission to be the best “provider of technical information for the world’s computing professionals.” In my leadership roles, particularly as vice president in charge of the Electronic Products and Services Board and currently as vice president of the Publications Board, I have significantly contributed to these activities. In 2009, I received the Computer Society’s Outstanding Contribution Award from the president “For outstanding contributions and offering vision and leadership in advancing the IEEE Computer Society web design in the 21st century.”

At the recent Board of Governors meeting, I presented my white paper, “Strategic Directions for the IEEE Computer Society Publications Board,” proposing the use of our revitalized website as the platform for topic-focused, professional, social networking portals. These will be the foundation of a new membership subscription model that will give you more choices when you renew your membership. You’ll be able, via personalized, customizable, “special interest group” portals, to select/view aggregated content from our publications and conferences. Then, with rich social networking tools, you will be able to collaborate with colleagues around the world.

(Reisman continued on next page)

**Jon Rokne**

*Position statement.* The Computer Society is facing opportunities and challenges in a number of areas.

- **Membership.** Developing new membership benefits is a high priority in view of declining membership. This might include further incentives to attract new student members. Retaining student members as full members is also an issue that needs attention.
- **Accreditation.** Accreditation services have been developed for the computing community by the Computer Society. I will work toward acceptance and recognition of these accreditation efforts and enlist the help of IEEE-USA in gaining government support for accreditation within the USA.
- **Literacy.** The Computer Society can seize the opportunity to provide educational material that supports the development of increased computer literacy.
- **Conferences.** Conferences provide the main forum for in-person member contacts and in-person exchange of technical information. They are a vital component of Computer Society activities. Maintaining the viability of the conference program is therefore a priority.
- **Internationalization.** I consider it a priority to engage the international membership of the Computer Society more effectively in Society activities. One way of doing this would be to create online communities to discuss issues of interest to Computer Society members.
- **Publications.** One of the main incentives for joining the Computer Society has been its publishing program. Members typically can subscribe to IEEE and Society publications at a significantly reduced cost. The CSDL and IEL electronic...
Regardless of where you are in your career or where you live and work, you deserve a president who cares about improving your professional life; provides you with membership options; understands your publication, education, and training needs; wants us all to be part of a vital organization; and will move us into the future. With me as president, you will have all that, and more. Please visit www.sorelreisman.com to learn more about me, my thoughts, and my plans.

Biography: Sorel Reisman directs the international, higher education consortium, MERLOT, and is a professor of information systems at California State University, Fullerton. He has held management positions at IBM, Toshiba, and EMI. He is an IEEE senior member and is the vice president in charge of the Computer Society Publications Board. Reisman has served as vice president of the Electronic Products and Services Board and as a member of the Transformation and Planning and Membership Committees.

Reisman was a member of the Publications Board; chair of the Magazines Operations Committee; editorial board member for IEEE Software; founding board member of IEEE MultiMedia and IT Professional; and author of the IT Pro column, The Ivory Tower. He is a member of the IEEE Education Society, Publication Services and Products Board, TAB Periodicals Committee, and a reviewer for Transactions on Education. Reisman has presented or published more than 50 articles and authored the books Multimedia Computing: Preparing for the 21st Century and Electronic Learning Communities—Current Issues and Best Practices. He is an advisory board member of the MERLOT African Network and a liaison to the international digital library consortium, GLOBE. Reisman received a BS in electrical engineering and an MA and a PhD in computer applications from the University of Toronto.

Biography: Jon Rokne is a member of the IEEE Computer Society Board of Governors, a member of the Publications Board, and a member of the Audit Committee for the Society. He is also the IEEE Senior member and is the vice president in charge of the Computer Society Publications Board. Rokne has served as vice president of the Electronic Products and Services Board and as a member of the Transformation and Planning and Membership Committees.

Rokne has completed two terms as vice president of publications for the IEEE Computer Society and has served as a member of PSPB, PSPB Financial Committee, and PSPB Operations Committee, also chairing a PSPB subcommittee on publications conduct.

A Computer Society Golden Core member, Rokne has served as a member of the Publications Board, chair of the Transactions Operations Committee, and chair of an ad hoc committee for ReadyNotes.

Rokne is a professor and former chair of the computer science department at the University of Calgary. He has published extensively in mathematics, including three jointly authored books. His main interests are interval analysis, global optimization, and computer graphics. Rokne has published in the areas of physically and biologically based computer simulations on leaves, auroras, ball lightning, and one jointly authored book, Light Interaction with Plants. In 2003, he organized the Pacific Graphics conference.

For further information, visit www3.telus.net/public/jrokne/public.html.
As a member of the IEEE Computer Society Board of Governors for the past three years, I have seen the IEEE Computer Society presidents, executive team, and Board of Governors begin implementing strategies to reshape the Society and to provide our members products and services in new ways. Society members and volunteers worldwide represent a tremendous wealth of knowledge and talent representing the academic community and computer science engineers in industry. It is imperative for the Society to find innovative channels of distributing this knowledge and talent as services and products. I am impressed by the quality of journals, magazines, conferences, seminars, and special workshops produced by Society members. We must get these products and services into the hands of our professional members in an agile and cost-effective manner.

As first vice president, I would actively execute the strategic initiatives of the IEEE Computer Society president and Board of Governors, and would initiate new strategic initiatives to sustain the Society’s cost/revenue viability. Some important initiatives include:

- establishing the IEEE Computer Society website as the "one stop," best source to obtain any Computer Society-related information (via agreements with other libraries and information services);
- supporting new cost-effective distribution channels to quickly distribute IEEE Computer Society services and products—for example, ReadyNotes, book series, seminars;
- encouraging the recruitment of student members;
- advancing the Society’s work toward providing computer science accreditation to our members; and
- revitalizing the recruitment of volunteers and supporting their ideas to implement new content-generation and distribution methods.

Biography: Roger U. Fujii is vice president of network communication systems at Northrop Grumman. He is responsible for three major business units and administers annual research and development funding for more than 2,300 employees. Fujii leads efforts in major communications and network planning, intelligence, surveillance, reconnaissance, acquisition, and systems engineering and satellite/tactical data link systems, including IED defeat systems and ground forces network management. Previously, he was responsible for the software certification of more than 30 major Air Force and Navy nuclear weapons software systems. He is an active volunteer in IEEE Computer Society standards activities and is currently a member of the Board of Governors and active chairperson of IEEE Std 1012 on Software Verification and Validation.

Fujii received a BS in engineering mathematics and an MS in electrical engineering and computer science from the University of California, Berkeley. He is a graduate of UCLA’s John Anderson School of Management, the Darden School of Management at the University of Virginia, and Harvard Business School.

Fujii is a member of the IEEE Computer Society Board of Governors, an IEEE Fellow, a Computer Society Golden Core member, and received both the Meritorious Service Award and the Outstanding Contribution Award from the IEEE Computer Society.

As the Computer Society, we view ourselves “to be the leading provider of technical information, community services, and personalized services to the world’s computing professionals.” As an IEEE senior member, I have personally and professionally benefited from both our Society and the IEEE for the past 40 years as an engineer and educator. I will work with Society and IEEE staff and volunteer leaders to ensure that we continue our high standards of delivery and support to engineers worldwide.

To maintain our service levels and international position, we must address critical issues of revenue generation. Having spent the last two years of my Board of Governor’s term as treasurer, I have seen firsthand the need for continuing new initiatives to generate revenue. Prior to my term on the board, I was editor in chief and press operations chair. I have experienced the challenges of bringing out new initiatives while maintaining existing ones. I will ensure that the staff has total access to volunteer support and expertise for all new revenue initiatives.

As first vice president, I will do my best to ensure that our Society is profitable and “essential to the global technical community and computer professionals everywhere” and we are “recognized for the contributions of technical professionals in developing and applying technology to improve global conditions.”

Biography: As cofounder and chief technical officer, Donald F. Shafer developed Athens Group’s oil and gas practice and leads engineers in delivering software services for exploration, production, and pipeline monitoring systems for clients such as BP, Chevron, ExxonMobil, ConocoPhillips, and Shell. He led groups developing and marketing hardware and software products for Motorola, AMD, and Crystal Semiconductor. Shafer managed a large PC product group producing award-winning audio components for Apple. From the development of low-level software drivers to the selection and monitoring of semiconductor facilities, he has led key product and process efforts.

Shafer received a BS from the United States Air Force Academy and an MBA from the University of Denver. Twice treasurer of the IEEE Computer Society Board of Governors, past editor in chief and chair of the IEEE Computer Society Press, an IEEE senior member, and a Golden Core member, he is an adjunct professor of engineering at the University of Texas at Austin. Shafer has contributed to three books, written more than 20 published articles, and is coauthor of Quality Software Project Management, published by Prentice-Hall. He is a contributor to the 2010 edition of the multivolume Encyclopedia of Software Engineering and is a Certified Software Development Professional.
Sattupathu V. Sankaran

**Position statement.** The IEEE Computer Society should sensitively itself to cater to the current needs and employment challenges of the large member population in Regions 1 through 7 who have contributed to the significant growth of the Society over many years. The Society should harness the enormous membership talent and potential available in Regions 8, 9, and 10 (BRIC countries, for example) to make it truly global. Fresh thinking and innovation should energize the approach and implementation in coming years to increase the value to members and the perception of the same.

The wealth of information in standards and in the Computer Society Digital Library should be judiciously split and packaged to be within reach of SME companies and individuals, while enhancing the Society’s revenue. With significant growth in student members, the active help of graduates-of-the-last-decade members should be channeled to track and retain the graduating student members, who are the future of the IEEE and the Computer Society.

**Biography.** Sankaran received a BS in electrical engineering from Jadavpur University and an MS in control systems from the University of Pennsylvania. He has worked in industry for more than 30 years in India and the US, including IBM and BHEL in India and Westinghouse, EPRI, and Duke Power in the US. Sankaran’s interests focus on industry research and development, power plant controls, modeling and simulation, industry-academic relations, and general management functions. He was senior professor and associate dean at the International Institute of Information Technology-Bangalore before moving on to corporate IT consulting.

Sankaran was a recipient of the 1987 FICCI Award to BHEL for outstanding industrial research in India and the 1992 Society for Computer Simulation Industry Technology Award for EPRI’s mobile training simulator. A recipient of the IEEE Millennium Medal. Sankaran currently serves as 2009 vice president for chapter activities of the Computer Society. He served in IEEE’s Bangalore section, rising from Executive Committee member in 1997 to chairman in 2002-2003 and helped groom the section to mature levels, with membership development awards in three consecutive years. Sankaran also served as membership development chair for R10 from 2004 to 2006. R10 becoming the largest in the IEEE during that period.

Jeffrey M. Voas

**Position statement.** I have been a member of the IEEE Computer Society for more than 20 years, and I have served in a variety of volunteer positions, including program chair, general chair, and editorial board member.

Simply put, we are today in a downward financial spiral. If the current predictions are true, or even close, we will go down to reserves of around $5 million in the next 24 months, barely enough to cover a month or two of expenses.

Expenses have been cut and continue to be cut, however you can only cut so deep. I am a firm advocate for revenue generation and, given my entrepreneurial background, I advocate an aggressive, albeit somewhat risky, approach to spending our resources on revenue creation instead of continuous cost-cutting. No risk, no gain.

Having said that, I also believe in aggressive market analysis before product launch to reduce such risks. While I know that the Computer Society, as well as the IEEE, recognizes this, I believe we have a long way to go here to improve.

If given the opportunity to be your second vice president, these are the ideas I wish to bring to the Executive Committee and turn into standard operating practices.

**Biography.** Jeffrey M. Voas is currently director of systems assurance at SAIC and is an SAIC technical fellow. Before joining SAIC, Voas was the chief scientist and cofounder of Cigital.

Voas has been highly active in the software engineering research community for more than 18 years. He has given numerous keynote lectures and has performed many program chair, general chair, and program committee roles for the IEEE. Voas has served the IEEE Computer Society as a member of volunteer bodies that include the Conference Publications Operations Committee, Electronic Products and Services Board, and Board of Governors.

A senior member of the IEEE, Voas holds two US patents and has authored more than 190 publications. His interests are in various aspects of trust, including software testing, reliability, safety, fault tolerance, and certification.

Voas received a BS in computer engineering from Tulane University and an MS and PhD in computer science from the College of William and Mary. He then served a two-year postdoc for the National Research Council at NASA-Langley between 1990 and 1992.

Voas has received honors that include the IEEE Reliability Society’s Reliability Engineer of the Year (2000), the IEEE Third Millennium Medal (2000), and the IEEE Computer Society Golden Core award (2009).
The IEEE Computer Society must better address the needs of computing professionals in industry around the world. By virtue of my background in both industry and academia, I will advocate the vision that the Computer Society should move from being a technical society to a broader professional one. It needs to build upon its credibility and brand name recognition to offer more high-quality products and services that are current, practical, and relevant to professionals in the field, while maintaining its long-standing tradition of technical excellence in the academic and research communities. Such products notably include certification programs for professionals that are recognized by industries as well as training delivered in various online formats and durations. This cohesive suite of products and services must be actively promoted in the marketplaces of the world and meet the needs of professionals everywhere, since computing is, without doubt, a global industry.

**Pierre Bourque**
*Position statement.* The IEEE Computer Society must better address the needs of computing professionals in industry around the world. By virtue of my background in both industry and academia, I will advocate the vision that the Computer Society should move from being a technical society to a broader professional one. It needs to build upon its credibility and brand name recognition to offer more high-quality products and services that are current, practical, and relevant to professionals in the field, while maintaining its long-standing tradition of technical excellence in the academic and research communities. Such products notably include certification programs for professionals that are recognized by industries as well as training delivered in various online formats and durations. This cohesive suite of products and services must be actively promoted in the marketplaces of the world and meet the needs of professionals everywhere, since computing is, without doubt, a global industry.

**Elizabeth Burd**
*Position statement.* What’s exciting about computing is that it’s constantly changing—but this is also one of our greatest challenges. The power of computing is in the way it touches everything—our work, our homes, our education, our leisure, and our safety. Increasingly, researchers and software developers are challenged by interdisciplinary work that requires us to understand our discipline as well as many others. The need for clear and effective cross-cultural working and communication has never been so strong. Likewise, never have there been so many demands on our staff for their skills. Through its conferences and publications, the Computer Society can support these needs by helping to find ways to increase collaboration between academia and industry. If elected, I will encourage the Society to continue to investigate ways to better support professional development in computing, including promoting industrially focused publication of research outcomes and enabling networking opportunities at conferences for local business communities.

**José-I. Castillo-Velázquez**
*Position statement.* Many engineers around the world have lost their jobs, even those who boast notable achievements and good résumés. The IEEE Computer Society needs to be more involved where jobs are produced, so we need to increase practitioners’ participation. It’s time to share specific programs for collaboration among all the regions, especially using Web 2.0 and Web 3.0 platforms. We have many virtual communities at the IEEE today, but they are not using all their potential. The two largest of these have 3,000 and 2,800 members, so we are wasting a great opportunity. The Computer Society needs to review Web platforms and their functionalities and also increase virtual collaboration to help everyone reduce cost and time. It’s time for pushing international programs that encourage baby boomers to share their experiences with young computer professionals in all countries. The Society must also pay more attention to impacts on the environment.

**Pierre Bourque**
*Biography.* Pierre Bourque is an associate professor and the director of a professional master’s degree program in software engineering at l’École de technologie supérieure du Université du Québec, Canada. He is coeditor of the 2001 and 2004 versions of the Guide to the Software Engineering Body of Knowledge (SWEBOK) project, sponsored by the IEEE Computer Society and funded by numerous industrial partners. The SWEBOK Guide is recognized as an ISO Technical Report. He is also coeditor of the upcoming 2010 version of the SWEBOK Guide. He is currently a member of the Computer Society’s Professional Activities Board and acts as liaison to the Educational Activities Board. He served on the Professional Practices Committee from 2006 to 2009. He is a member of the Distinguished Visitor Program and was the recipient of an Outstanding Contribution Award from the Computer Society in 2001.

**Elizabeth Burd**
*Biography.* Elizabeth (Liz) Burd is deputy head of faculty at Durham University in the UK. She has a remit for student research and teaching and learning activities. Burd teaches software engineering at the undergraduate and graduate levels. She also leads Durham’s Technology Enhanced Learning research group, a group of 20 research staff and students, and is director of the UK’s Centre for Excellence in Teaching and Learning—Active Learning in Computing. She has research collaborations with firms that include IBM, Microsoft, British Telecommunication, BAE, and Logica. In the past five years, she has garnered millions of dollars in research funds.

**José-I. Castillo-Velázquez**
*Biography.* José-I. Castillo-Velázquez received a BS in electronics sciences, with honors, and an MS in semiconductor devices from the University of Puebla. He has been working for 14 years in the computer and telecommunication industries as a practitioner in the public and private sectors (including TelMex-Red Uno from 2006-2008) as well as in public and private universities as a tenured professor at Universidad Tecnológica de la Mixteca from 1998-1999, at the Universidad Popular Autónoma del Estado de Puebla from 1999-2005 (where he rose to department chair), and at Benemérita Universidad Autónoma de Puebla from 2005-2006. In 2009, Castillo-Velázquez serves as head of the University of Mexico City’s engineering department. He has authored 53 journal and conference papers and has organized multidisciplinary congresses, seminars, and events for knowledge dissemination. He is a member of many state and national research and academic networks and has been an independent consultant for local companies and governments. Castillo-Velázquez volunteers for IEEE Region 9 as Strategic Planning Committee member, Communications Committee chair, Virtual Communities Ad Hoc Committee chair, and Virtual Communities Ad Hoc Committee member. He is editor in chief of IEEE NoticIEE, the Region 9 newsletter, and webmaster for the IEEE Mexican Council. Visit www.pagasprodigy.com.mx/a57852133 to learn more.
Thomas M. Conte  
*Position statement.* This is one of the most challenging times in computing. The global recession and its impact on our industry and our lives have been profound. The IEEE Computer Society is here to support the computer professionals that make up the Society. This is important now more than ever. We cannot let red tape or petty squabbles get in the way of a Computer Society that is useful and valuable to its members.

I have been an active member of the Computer Society for over two decades, serving in many leadership roles. The “Is it helping our members?” test is the guiding principle behind any and all decisions I make involving the governance of the Society. As a Board of Governors member, I will use this test to guarantee the Computer Society remains a useful and effective part of our professional lives.

Frank E. Ferrante  
*Position statement.* Having served my first term as a member of the Board of Governors in 2006-2009, I feel that if the membership returns me for a second term, my experience gained over the past three years will benefit the Society immensely. My involvement in supporting budget issues, IEEE relationships, publications issues, membership fee alternatives, communities development, and new website architectural considerations are critical for our Society’s growth and stability. I feel fortunate to have gained insight into the matters being addressed, and I truly appreciate the challenges faced by the Board, as well as its role in meeting these challenges.

We must take decisive steps to maintain our leadership as an internationally recognized and honored source of computer technology information and means for information dissemination. I will work to improve the benefits gained by members and will continue to support our members in their ever-expanding needs.

Jean-Luc Gaudiot  
*Position statement.* I believe in the Computer Society’s mission as an international organization to provide technical information and services to advance the theory, practice, and application of information processing science and technology. I know how the IEEE Computer Society works, and I know the buck stops with the Board of Governors. I have taken on a significant number of in-depth jobs over the years—like editor in chief of *IEEE Transactions on Computers*, one of three founders and first editor in chief of *IEEE Computer Architecture Letters*, chair of the Technical Committee on Computer Architecture—and feel I am prepared to be part of the Board of Governors. With all the challenges in so many dimensions in front of us, I would like to see the IEEE Computer Society continue making a difference in the lives of its members. I ask you to give me a chance to do that.

Biography: Thomas M. Conte has been involved with the Computer Society for many years over the course of his more than 25 years of IEEE membership. He has shepherded major symposia in his technical area via serving as a Technical Committee chair and served on numerous editorial boards for Computer and Micro magazines, *Transactions on Computers*, and *Computer Architecture Letters*, among others. Conte is a professor of computer science at Georgia Institute of Technology in Atlanta, Georgia, where he takes pride in both his research and his teaching efforts. His research focuses on manycore computer architectures, compiler code generation, and fast simulation techniques.

Con teserves as the 2009 IEEE Computer Society Awards Committee chair, where his focus has been on streamlining and revamping the awards process so that more of our members are recognized for their accomplishments in our field. A Fellow of the IEEE, he received a PhD in electrical engineering from the University of Illinois, Urbana-Champaign.

Biography: Frank E. Ferrante is a life senior member of the IEEE Computer Society and a member of the Communications Society since 1960. He was inducted into the IEEE Computer Society’s Golden Core in 2009 and has served on the Society’s Board of Governors from 2006-2009. Ferrante served as editor in chief of *IT Professional* from 2002-2005, and now serves as a member of the Society’s Publications Board, Professional Activities Board, and the newly established Electronic Products and Services Committee. In addition, Ferrante served two terms as chair of the IEEE-USA’s Medical Technology Policy Committee.

Ferrante is currently an executive partner and adjunct professor in the College of William & Mary’s Mason School of Business, and previously was an associate faculty/practitioner in the Johns Hopkins University Carey Business School. In 2003, he received the JHU Practitioners Faculty Award for Excellence. Ferrante is founder of FEF Group and was a cofounder of ComCert. In 2000, he retired from Mitretek Systems (now Noblis) as a senior principal and fellow. He also worked for Minne, Northrop/Page Communications, and Atlantic Research. Ferrante received degrees from Virginia Polytechnic Institute, Syracuse University, and Carnegie Mellon University, where he was a Minne Fellow.

Biography: Jean-Luc Gaudiot is now professor of electrical engineering and computer science at the University of California, Irvine. Prior to joining UCI in January 2002, he was a professor of electrical engineering at the University of Southern California. Gaudiot’s industrial experience includes software engineering at Teledyne and design of innovative processor architectures at TRW. In his research, he focuses on computer architecture, a field in which he has authored more than 200 refereed publications.

Gaudiot is currently the first editor in chief of *IEEE Computer Architecture Letters*, a publication he helped found to facilitate the fast turnaround of fundamental ideas. From 1999 to 2002, he was editor in chief of *Transactions on Computers*, and he served as chair of the IEEE Technical Committee on Computer Architecture for two terms (2001-2005).

Gaudiot received the Diplôme d’Ingénieur from l’École Supérieure d’Ingénieurs en Electronique et Electrotechnique, Paris, in 1976, and an MS and PhD in computer science from the University of California, Los Angeles, in 1977 and 1982, respectively. He has been a Fellow of the IEEE since January 1999 and a Fellow of the American Association for the Advancement of Science since 2008.
Gargi Keeni  
**Position statement.** As a volunteer of the IEEE Computer Society, I have always felt that the Computer Society, as a flag bearers of computer and information technology professionals, has a larger role to play. Toward this end, it should have more penetration—in terms of reaching more people; more participation—by getting more people (men, women, students, researchers, and young professionals) to participate; and more utility—by providing value for all members current and future; and, above all, more creative ideas and activities.

As a member of the IEEE Computer Society Board of Governors, I intend to work toward these goals. I will leverage my industry background, my existing roles in national and international forums, and my experience in working with student chapters and students to achieve these goals. I will also use my present experience and network to forge closer ties with other standards and professional bodies.

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Luis Kun  
**Position statement.** “When you step into an intersection of fields, disciplines or cultures, you can combine existing concepts into a large number of extraordinary new ideas.” —The Medici Effect.

Similar to this remarkable phenomenon of creativity that occurred in Florence in the 15th century, as a Board member, I would like to build a new “Renaissance” in our Computer Society community by encouraging multidisciplinary and interdisciplinary dialog, both within and outside the IEEE, that will help us grow, become more effective, and learn from each other and drop the barriers between disciplines, cultures, and societies. Currently, as a member of multiple IEEE societies, including the IEEE Society on Social Implications of Technology, I have leveraged their technical content to pursue policies for healthcare transformation. See an example of this approach at www.hawaii.edu/csati/summit/archive/Summit.html. Also read the November/December 2008 issue of IEEE Engineering in Medicine and Biology on Health Care CIP.

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James W. Moore  
**Position statement.** The IEEE and its Computer Society should be natural partners in pursuing the challenges of the 21st century. The IEEE’s membership comprises the leading knowledge of modern electronic engineering principles, while the Computer Society’s membership draws upon leading knowledge of information technology and software development. What better place to embed modern software and information technology into time-tested principles of engineering? During my service to the Computer Society, I have dedicated myself to that proposition—first, through standardization activities and, recently, through engineering-based codification of the knowledge and competencies of the software discipline. It now appears that a path to licensure of “software engineers” will be established in the US as early as 2011. I want the Computer Society to be the “go-to” place for those new engineers as well as software engineers around the world.

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Gargi Keeni, a vice president at Tata Consultancy Services, has more than 20 years of multicultural and multinational experience in software development and services delivery. Keeni received a PhD in physics from Tohoku University. She serves on the advisory panel of the NASSCOM quality forum, the advisory board of IEEE Software, and the Athens University of Economics and Business MBA International Program business advisory council.

Keeni also serves on the program committee of the International Workshop on Future Software Technology, the program committee of Software Engineering Process Group, Asia-Pacific, and the business planning group of ISO/IEC JTC1 SC7. She has also served as the vice chair of the IEEE Women in Engineering, Calcutta section, among others.

As a senior member of the IEEE and a certified examiner for JRD-QV, Keeni is an SEI-authorized instructor and lead appraiser for CMMI, and a lead appraiser for People CMM. Her research interests include information security, process improvements, quality management systems, and business excellence. Contact her at gargi@ieee.org.

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Luis Kun is the founding chair of the IEEE-USA Electronic Health Record and High Performance Computers and Communications working group and the committees on bioterrorism, security, medical technology policy, and critical infrastructure protection. He lectures extensively and has served in the Distinguished Visitor Program for both the IEEE Computer Society and the IEEE Engineering in Medicine and Biology Society.

Kun is a professor at the National Defense University (see www.ndu.edu/IRMC/ia/kun.html). He received a BSEE, MSEE, and PhD in biomedical engineering from UCLA and spent 14 years at IBM. As senior IT advisor to the Agency for Health Care Policy and Research, Kun led HPCC and Telehealth efforts. As a distinguished Fellow at the Centers for Disease Control, he wrote the IT vision for the National Immunization Program.

A Fellow of the IEEE and the American Institute for Medical and Biological Engineering, Kun received the AIMBE’s first-ever Fellow Advocate Award in 2009. His IEEE-USA Citation of Honor Award reads, “For exemplary contributions in the inception and implementation of a health care IT vision in the US.” Kun also received an Administrator’s Award of Merit “For exceptional dedication and professional achievement that have greatly enhanced the recognition of AHCPR’s research in the HPCC Program.”

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James W. Moore, CSDP, is a 40-year veteran of software engineering at IBM and MITRE, where he is a senior principal engineer. He has served as a member of a US Federal Advisory Board, as the chair of the US Technical Advisory Group, and as head of the delegation to the ISO/IEC subcommittee on software and systems engineering. He was an executive editor of the Computer Society’s Guide to the Software Engineering Body of Knowledge and a member of the editorial board for the 2002 revision of the Encyclopedia of Software Engineering. As chair of the Computer Society’s Professional Practices Committee, he led efforts to align the SWEBOK Guide with the model curriculum for software engineering and with the Computer Society’s two certification programs, resulting in a single statement of the content and boundaries of the software engineering discipline.

Moore holds two US patents, and his latest book on software engineering standards was published in 2006. He is an IEEE Fellow and a member of the Computer Society’s Golden Core. He graduated from the University of North Carolina with a BS in mathematics and from Syracuse University with an MS in systems and information science.
Pablo F. Sanchez  
 Position statement: We members of the IEEE Computer Society, as part of the world’s leading organization of computing professionals, must strengthen the development of our social network and be proud of our community. We must develop a sustainable Society, not just act as individual clients of an information provider.

If elected, I will work to foster our Society as an inclusive and networked community, focusing on membership’s value, developing relevant products, programs, and services targeted to underserved populations like practitioners, young professionals, women, and members living in economically stressed areas of the world.

We have the opportunity to embrace our network, history, knowledge, ethics, and vision of the future. As a member of the Board of Governors, I will work to bring these strengths to coordinated action and responsibly foster initiatives in this direction. I ask for your support. For more details about my vision, please visit my blog at www.pfsanchez.blogspot.com.

John W. Walz  
 Position statement: I will work to increase your membership value with improved IEEE products and services, thus improving Society membership retention to address our financial situation. My vision is to increase the relevance of Computer Society products and services by managing the life cycle of knowledge from research to industry implementation, encouraging direct industry input into our design of products and services, directly addressing the needs of computing and information technology practitioners, and assisting members in creating, sharing, and preserving their intellectual property.

As Computer Society first vice president for technical and conference activities, I have focused on improving the quality of the IEEE brand, moving technical activities closer to our conferences, promoting organizational excellence, and deploying our Web portals. Last year, as Computer Society vice president for our world-class standards collection, I encouraged prominent standards experts to author podcasts and webinars for distribution by the Computer Society. Please visit www.johnwalz.com.

Pablo F. Sanchez  
 Biography: Pablo F. Sanchez received an MS in information systems and computing from the Universidad Católica Argentina. He has been an active Society volunteer since 1998, serving as vice chair of the Argentina chapter in 2001 and its secretary in 2002.

Sanchez has more than 16 years’ experience in the area of information technologies and communications, having served in positions of different natures and hierarchical levels at organizations such as the University Information System Program at the Ministry of Culture and Education of Argentina, CyberScope Argentina, ME Corp, the Cardiovascular Foundation of Colombia, and several high-level international consultancy firms.

He has had the opportunity to manage, create, and advise on business creation and entrepreneurship. Sanchez is currently CEO of Espértika, advising Latin American technology-based companies in software management and the strategic use of technology for business expansion.

An IEEE member and secretary of the IEEE Argentina section, Sanchez has developed and deployed several programs that resulted in recognition for the entities he served, including a wide range of contributions to the IEEE, GOED, and the IEEE Computer Society. He also served on the Advisory Board of The Institute and served as chair of the IEEE Region 9 Regional Communications Committee.

John W. Walz  
 Biography: John W. Walz retired from Lucent/AT&T with more than 20 years of management/coaching experience, covering positions in hardware and software engineering, quality planning and auditing, standards implementation, and strategic planning. Walz has coauthored three books covering the use of IEEE Software Engineering Standards to support CMMI, ISO 9001, and Lean Six Sigma. He is also a contributor to the Computer Society’s CMMI QuickStart Guide and industry webinar programs.

Walz serves the IEEE Computer Society as first vice president in charge of the Technical and Conferences Activities Board. Previously, he was the standards activities vice president. Walz also served on the Society’s History; Technology & Conferences; New Practitioners; Awards; Membership; Software and Systems Engineering Standards (S2ESC); and Computer Software Applications Conference Committees.

Walz held leadership positions in national and international industry and professional organizations, including the US Technical Advisory Group on ISO 9001, the American Society for Quality Electronics and Communications Division and its Sarbanes-Oxley Forum, the Quality Excellence for Suppliers of Telecommunications Forum, and the Information Integrity Coalition.

A recipient of the IEEE Computer Society Golden Core award, Walz participated in the Distinguished Visitor Program and received the Distinguished Service and Meritorious Service Awards. He received an MS in electrical engineering from Ohio State University.

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