Nominees for Computer Society Officers and Board of Governors Positions in 2011

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 2011, 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, October 4, 2010. Members in all regions can vote via the Web at www.computer.org/election or by fax to Survey & Ballot Systems at +1-952-974-5110. Return ballots by mail to the IEEE Computer Society, c/o Survey & Ballot Systems, PO Box 46430, Eden Prairie, MN 55344-9876, 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 candidate and do not necessarily reflect Computer Society positions or policies.

Nominees for President-Elect

Roger U. Fujii

Position statement. The IEEE Computer Society is the world’s preeminent society for computer science professionals, representing the academic community and industry practitioners. Society members represent a vast resource of the best talent and intellectual property (IP) in the profession. In a time when information access and exchange are moving at Internet speed, the Society needs to adapt its communication and information access channels (communities of interest) to give members access to IP easily and quickly.

If elected president, I will work to reduce the cost of IEEE Computer Society membership, maintain a viable Society financial structure, reinvigorate our new member drive, and develop more agile channels (for example, instant community forums) for members to access the Society’s vast intellectual information. Specifically, my goals are to:

1. increase CS membership by reaching out to university students, practitioners in our corporate world, and new professionals in Asia (Japan, China), the Middle East, Europe, Eastern Europe, India, and South America;
2. develop new distribution channels to get Computer Society services and products (such as ReadyNotes, book series, and seminars) to our members rapidly and at low cost;
3. provide new services and products to meet social engineering challenges in smart grid, social networking, and green IT issues;
4. manage with strong fiscal discipline and support workflow-efficiency initiatives to provide agile and quality service to our members; and
5. encourage new initiatives focused on the emerging needs.

(Fujii continued on next page)

John W. Walz

Position statement. As a lifetime IEEE member and a volunteer contributor to the IEEE Computer Society for over 25 years, I have been an advocate for membership and increasing its value for our members as well as their employers. As president, I will continue working to advance the theory and application of computer and information-processing technology through growth of member engagement and affiliation and through access to timely, relevant, high quality, and affordable intellectual property in tailored formats.

The Society should find ways to assist its members through active engagement, helping all our members create, collaborate, critique, recommend, share, and preserve their intellectual property. This includes our underserved markets of computing and information-technology practitioners and the enormous membership talent and potential in Regions 9 and 10. As president, I will continue to explore ways to recruit and engage volunteers; let members define their organization; promote collaboration across conferences, publications, and standards; and implement new content-generation and distribution.

My career, volunteer experience, service on the Computer Society Executive Committee (formerly as VP for Standards and now as VP for Technical and Conference Activities) under four presidents—Mike Williams, Rangachar Kasturi, Kathy Land, and Jim Isaak—and vision for the IEEE Computer Society uniquely qualify me for this leadership role. It is a leadership that coaches committees to improve their vitality, recognizes volunteer contributions, makes plans that align with Society goals, collaborates across Society boards and IEEE units, invests in emerging technologies, engages the practitioner community, listens to our members and key stakeholders, supports members’ career growth, and

(Walz continued on next page)
I realize that these goals can only be achieved by the teamwork of Society volunteers, staff, the Board of Governors, and elected leaders. I know that achieving them is possible because of our past achievements. As USA chair of international software engineering standards group ISO/IEC JTC/SC7, I reinvigorated participation tenfold in international standards. As Press Operations Committee chair, I led the formulation of a new book distribution channel and increased Society revenues.

I am proud of the Society and its members. I know that the Society will continue its preeminent stature as the society of choice for the world’s computer science professionals. For more information, visit http://www.fujii.us.com.

Biography: Roger U. Fujii is vice president of Network Communication Systems at Northrop Grumman, where he is responsible for three business units with annual sales of US$1.05 billion, controls $42 million in annual R&D, and manages 2,300 employees. He has financial, technical, and managerial responsibilities for major communications and network planning, intelligence, surveillance, reconnaissance, and satellite systems. He is a software safety pioneer and was responsible for the software certification of more than 30 US Air Force and Navy nuclear weapons systems.

Fujii received a BS in engineering and an MS in electrical engineering and computer science from the University of California, Berkeley. He also attended the UCLA John Anderson Management, Darden Management, and Harvard Business Management schools.

Fujii’s IEEE and Computer Society activities include first vice president and vice president of the Computer Society Standards Activities Board (2010); Computer Society Board of Governors member (2006-2009); Computer Society chair for Std 1012—Software Verification and Validation (1985-present); and Computer Society Press Operations Committee member (2003-2005).

He is an IEEE Fellow, a Computer Society Golden Core member, and a recipient of Computer Society Meritorious and Outstanding Service Awards. Fujii was named the Chinese Institute of Engineers Asian American Executive of the Year in 2009.

and interests of Society members such as gaming technology, cloud computing, and learning technology.

I ask for your continued engagement in your Society and request your support for my vision, which is elaborated upon at www.johnwalz.com.

Biography: John W. Walz retired from Lucent/AT&T with more than 25 years of software and systems engineering-management leadership experience. Walz is serving as the 2009–2010 IEEE Computer Society vice president of the Technical and Conferences Activities Board. He has served on the Society’s Board of Governors in positions as first vice president and vice president for standards activities. He remains a member of the Computer Society Standards Activities Board, Software and Systems Engineering Standards Executive Committee, Electronic Products and Services Committee, Planning Committee, and Executive Committee.

Walz has held leadership positions in national and international professional organizations, including the US Technical Advisory Group for the ISO committee working on ISO 9001, American Society for Quality Electronics and Communications, Quality Excellence for Suppliers of Telecommunications Forum, and Information Integrity Coalition.

Walz received an MS in electrical engineering from Ohio State University. He has coauthored three books on the use of IEEE Computer Society software engineering standards to support CMMI, ISO 9001, and Lean Six Sigma. He is also a contributor to the IEEE Computer Society ReadyNotes and webinar programs. Walz participates in the Distinguished Visitor Program and is a recipient of the Society’s Golden Core, Distinguished Service, and Meritorious Service Awards.
Frank E. Ferrante  

**Position statement.** Now serving a second term as an elected member of the Board of Governors, an active member of the Digital Library Operations Committee, Society treasurer, and chair of the Electronic Products and Services Committee. I feel that if I were elected to serve as your Society’s vice president I could focus my experience on developing improved cost-beneficial solutions to the problems we face in meeting today’s global educational needs. My interest in being a volunteer has always been directed at helping members obtain the maximum benefit at a reasonable cost from our offerings. Our Society is preparing itself for change as it cooperatively integrates its operational services into that of our parent operations of the IEEE. This effort is aimed at becoming more technology agile and financially sound. I am dedicated to continued change in the directions underway, while continuing to offer the best to our members through our products and services. I feel fortunate to have gained insight into the needs of our membership through my service to date, and I offer my pledge to support new services and benefits to all of our members at competitive prices. I will continue to support positive advancements in our offerings as technology changes and always will be cognizant of our Society’s cost of membership and product availability for training needs as appropriate for today’s members.

**Biography:** Frank E. Ferrante, a life senior member of the IEEE and member of both the IEEE Computer and Communications Societies, was elected to a second consecutive term on the Computer Society Board of Governors for 2010-2012. He was awarded membership into the IEEE Computer Society’s Golden Core in 2009 and was appointed treasurer of the Computer Society for 2010. He also serves as chair of the Electronic Products and Services Committee and is an active member of the Board of Governors’ Planning Committee. Ferrante served as editor in chief and advisory board member of *IT Professional* and has served as a member of various Society boards and committees, including Publications and PAB-IT. He also served as chair of the IEEE-USA’s Medical Technology Policy Committee.

David Alan Grier  

**Position statement.** Service in the IEEE Computer Society is an opportunity to be of service to the world, and, ultimately, to the future. We serve the field by providing a venue for professional practice, a place where we can share best practices, validate knowledge, and train the rising generation of leaders. We serve the world by reaching beyond our borders and disseminating our accomplishments to the organizations that can utilize them. We serve the future by sustaining an organization that can identify and follow new trends in our field.

I have three approaches to these issues. First, I am a skilled manager who works to make an organization operate well. Second, I make efforts to communicate the accomplishments of our Society to our members and to the community that needs our leadership. Finally, I work with our leaders to anticipate the needs for the coming years to prepare our society for its next steps. The three accomplishments that best illustrate this approach are my efforts to promote electronic publications, my column in *Computer*, and work that I have been doing with other members to develop new organizational structures within the Society. These accomplishments point to my skills as a leader and my willingness to be of service to the Society, to the world, and to the future.

A fuller statement of my positions, as well as podcasts that further explain my vision, can be found at http://sites.google.com/site/dagrierieee.

**Biography:** David Alan Grier is currently the vice president of publications for the Computer Society and has spent much of the past decade helping the Society develop new electronic products, editing its periodicals, and writing for its members. He has served as editor in chief of *IEEE Annals of the History of Computing*, as chair of the Magazine Operations Committee, and as an editorial board member of *Computer*. Grier currently writes the monthly column “The Known World” (www.computer.org/theknownworld).

Outside the Society, he works as an associate professor of science and technology policy at George Washington University in Washington, DC, with a particular interest in policy regarding digital technology and professional societies (www.gwu.edu/~cistp). There, Grier has worked as a university administrator for the past 20 years and has demonstrated a capacity for organizational management. He served as leader of the undergraduate computer systems degree, director of the University Honors Program, assistant dean of engineering, and associate dean of International Affairs.

Finally, Grier has worked extensively within the computer industry. He started as a programmer and systems designer for the old Burroughs Corporation. He has also worked extensively as a consultant in the field. A more detailed biography can be found at http://sites.google.com/site/dagrierieee/home/bio.
**Position statement.** The Computer Society is facing opportunities and challenges in several 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 should be a priority.

- Accreditation: 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.

- Conferences: Conferences provide the main forum for in-person member contacts and in-person exchange of technical information. They are vital 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 libraries have made individual subscription incentives of less value to many members due to institutional subscriptions. I would support development of new publishing initiatives that lead to member retention.

- Open access: Open access has clear benefits for Computer Society members and the community in general since it results in more freely available information. The challenge is to make open access economically viable.

**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 Society’s Audit Committee. He is also the vice president of the IEEE Publication Services and Products Board (PSPB) and a member of the IEEE Board of Directors.

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, see www3.telus.net/public/jrokne/biography.html.

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**Jon Rokne**

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**Sattupathu V. Sankaran**

**Position statement.** The IEEE Computer Society has just recorded its first-year-to-year increase in membership since the year 2000. This is a very positive sign, coupled with the formation of the new MGA board, with intent to align with IEEE’s MGA. This is a crucial juncture for leading Computer Society activities and serving the Computer Society, its chapters, and members at large. This is also a time when ACM is launching initiatives in countries like China, India, and Russia. The IEEE Computer Society therefore has to connect, better than ever before with its members and potential members, and demonstrate its true value and benefits to them. This can happen by better engagement with the members and chapter leaders; higher quality publications, technical activities, and conferences; easier and more economical access to the Computer Society Digital Library; and better standards and professional services. It will be my pleasure to serve the Computer Society now and in coming years.

**Biography.** Sattupathu V. Sankaran received a BS in electrical engineering from Jadavpur University, India, and an MS in control systems from the University of Pennsylvania. He has worked in industry for more than 30 years, including IBM and Bharat Heavy Electricals Limited (in India), Westinghouse, Electric Power Research Institute, and Duke Power (in the USA). Sankaran’s interests focus on industry research and development, power plant controls, modeling and simulation, industry-academic relations, and general management functions. He was a senior professor and associate dean at International Institute of Information Technology-Bangalore before moving into IT consulting for DaimlerChrysler, Infineon, Yahoo, and currently SAP Labs.

Sankaran received the Society for Computer Simulation’s Industry Technology Award in 1992 for his work on the EPRI Mobile Training Simulator.

A senior member of the IEEE, Sankaran served as IEEE Bangalore Section chair in 2002-2003. Sankaran served as membership development chair for Region 10 in 2004-2006 and helped to revive the dormant Computer Society Bangalore chapter in 2008. He served as vice president for chapters in 2009 and is the vice president of the new Member and Geographic Activities Board. He holds the IEEE Millennium Medal and became a Golden Core Member of the Computer Society in 2010.
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 bodies of knowledge, certification programs for professionals that are recognized by industry, as well as training delivered in various online formats and durations. This cohesive suite of products and services must be actively promoted in the world’s marketplaces and meet the needs of professionals everywhere because computing is, without doubt, a global industry.

José I. Castillo-Velázquez

Position statement. 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. It’s time for pushing international programs that encourage baby boomers to share their experiences with young computer professionals in all countries. The Computer Society should focus not only on new products and services, but on the maximum potential use of the products and services that it offers to its members today. It’s important to remember, the best technology is not always the newest one but the most adequate. Now, we need to review our Web platforms and their functionalities in order to increase virtual collaboration to help everyone reduce cost and time. The Society must also pay even more attention to its impact on the environment.

Biography. José Castillo-Velázquez is the editor in chief of the IEEE Region 9 newsletter (2008-2011), a member of the Region 9 Strategic Planning Committee (2008-2011), technical administrator of the Region 9 Virtual Regional Meeting (2010), and chair of the Region 9 Virtual Communities Committee (2008-2009). He has worked for 15 years in the computer, electronic, and telecommunications industries as a practitioner in the public and private sectors (TELMEX 2006-2008, IFE-97 and DICI-94) as well as in private and public universities as a tenured professor at Universidad Tecnológica de la Mixteca (1998-1999), at Universidad Popular Autónoma del Estado de Puebla (1999-2005), where he became department chair; and at Benemérita Universidad Autónoma de Puebla (2005-2006). Since 2008, Castillo-Velázquez has been a tenured professor at Universidad Autónoma de la Ciudad de México. He has authored 25 journal and conference papers. He has organized multidisciplinary congresses and seminars and has participated in more than 100 interviews for magazines, newsletters, radio, and television. A senior member of the IEEE since 2010, he is an independent consultant for local companies and governments. Castillo-Velázquez received a BS in electronic sciences, with honors, and an MS in semiconductor devices from the University of Puebla. Visit www.paginasprodigy.com.mx/a57852133 to learn more.

Dennis J. Frailey

Position statement. I have two goals as a BOG member — to increase the Society’s support of students and working professionals, and to enhance synergy among various boards and committees. We need to reduce duplication of effort and better integrate and synchronize member services and resources. As vice chair of the Educational Activities Board, I led the development of our recently released online self-assessment courses in software engineering, which tie directly to our certification programs, the SWEBOK, and related publications and standards. We’re working on additional resources such as essential sets — collections of topic-focused materials for individuals wishing to enhance their knowledge and skills. I’d like to expand these efforts to include information technology and computer engineering as well as important specialized topics such as multiprocessors and security. As a Board of Governors member I’d be better able to focus the resources of the entire Computer Society on these efforts.

Biography. Dennis J. Frailey recently retired as a principal fellow after a 35-year career at Raytheon and Texas Instruments. Along the way, he was a technical director, cycle-time expert, process improvement leader, head of many technical design teams, and speechwriter for company executives. Frailey has also maintained a distinguished career as an educator. At Raytheon, he created and was master instructor for a company-wide software project management training program. Since 1978, he’s worked as an adjunct professor of computer science and software engineering at the University of Texas and at Southern Methodist University, where he cofounded the graduate software engineering program.

After earning a PhD in computer science from Purdue in 1971, Frailey joined SMU as assistant professor and rose to associate professor with tenure before moving into computer architecture research at Texas Instruments. Professionally, he was a regional representative, council member, and vice president of ACM, and currently serves in its Distinguished Lecturer program. Frailey is equally active in the Computer Society, currently serving as a member of the Professional Activities Board and vice-chair of the Educational Activities Board. An ABET program evaluator since 1987, Frailey recently won the ACM SIGCSE’s Lifetime Achievement Award in Computer Science Education.
Atsuhiro Goto

Position statement. I have no doubt that the IEEE Computer Society is the world’s leading organization for computer professionals and, with its vast human network and commitment to professional excellence, the most influential professional society in Japan and Asian countries.

On the other hand, I am aware that the Computer Society is now facing many challenges, especially in contributions to and from recent and emerging IT industries. The IT industry has been continuously transforming itself and will expect the CS to contribute to new technologies, such as cloud computing, which might change even the definition of “professionals.”

The basis of my 25+ years of industrial career experience and contributions to both IEEE and Japanese societies, I promise to make my best effort to bridge these challenges between the Computer Society and the IT industry, including those in the emerging industry communities in Japan and other Asian countries.

Biography. Atsuhiro Goto is vice president and general manager of the Cyber Space Laboratories at Nippon Telegraph and Telephone (NTT). He is responsible for next-generation communication services that use a variety of innovative information technologies, including the world’s top-level media processing technology and open-source software for future cloud computing.

Goto has been with NTT R&D for more than 25 years and has made significant contributions on several cutting-edge business developments. His experience includes leadership of various nationwide projects with major information and communication technology vendors, and he currently manages Japan’s national project on “Highly Reliable Foundation Technology for Control of Cloud Computing Services.” Goto has also contributed to global standardization as vice chair of the Global Inter-Cloud Technology Forum. His research interests include cloud computing, IP networking, and new application areas of IP technology.

Goto received a PhD from University of Tokyo in 1984. He is a member of the IEEE Computer Society; the ACM; the Institute of Electronics, Information, and Communications Engineers; and the Information Processing Society of Japan. He is an IPSJ fellow and served as a member of the IPSJ board from 2008 to 2009. He has also been a member of the IEEE Computer Society Industry Advisory Board since 2009.

André Ivanov

Position statement. The Computer Society has been operating for years with a set of well-understood revenue sources—its conference and publications businesses. These enterprises are rapidly evolving. Rather than observing these evolutions with a focus on reducing the Society’s cost of operations in response to the decreased revenues from these channels, the Computer Society should strive to enable and facilitate new opportunities for its members. The big challenge remains in finding the products and services that members truly value, not only from North America but globally.

We need to improve communication with members and engage with volunteers so that they can more clearly see and leverage the benefits that the Society brings to their efforts and aspirations. If elected, I will work at making the Society shift its perspectives to be even more global than it is today, and focused on offering increased value to its members.

Biography. André Ivanov is head of the department of electrical and computer engineering at the University of British Columbia. He spent 1995-96 at PMC-Sierra and has held invited positions at the University of Montpellier II, the University of Bordeaux I, and Edith Cowan University, in Perth, Australia. His primary research interests are in the area of VLSI, systems on a chip, and networks on a chip. He has published more than 200 papers and holds four US patents. Ivanov served as program chair of the 2002 VLSI Symposium and general chair of VTS 03 and VTS 04. In 2004, he founded and co-chaired the first IEEE International GHZ/Gbps Test Workshop and co-chaired the same event in 2005. In 2001, Ivanov cofounded Vector 12, a semiconductor IP company.


Paul K. Joannou

Position statement. There is great opportunity to refocus the IEEE Computer Society’s products and services to meet the needs of computing professionals who have historically not been members and to better satisfy the needs of existing members. This will require collaboration among all professional organizations, both within the Computer Society and IEEE and outside the IEEE, to deliver an integrated set of products and services focused on member needs.

In my career, I have been fortunate to have gained experience designing solutions at the software, systems, and enterprise levels. Achieving strategic goals through alignment of cross-functional organizations has been the focus of the latter half of my career. As a member of the Board of Governors, I believe that I can make a significant contribution to help the Computer Society achieve its strategic goals through effective alignment of all stakeholders.

Biography. Paul K. Joannou has more than 30 years experience in software, system, and enterprise engineering at Ontario Power Generation (formerly Ontario Hydro). He is a registered professional engineer and a longtime member of the IEEE. He has worked as a design engineer, manager of standards for all engineering activities at Ontario Hydro’s nuclear plants, and an IT enterprise architect. He was responsible for developing the Canadian nuclear industry’s software engineering standards for safety-related software.

Joannou has participated as a member and chair of software engineering standards working groups for the Canadian Standards Association, the ISO/IEC JTC1/SC7 committee responsible for software and systems engineering standards, the IEC, the IEEE, and the International Federation of Automatic Control. He has been a member of Canada’s Natural Sciences and Engineering Research Council grant-selection committee, a member of Canadian Engineering Accreditation Board accreditation teams, and a member of the McMaster University Industrial Advisory Committee on Software Engineering. He is currently chair of the IEEE Computer Society Professional Activities Board IT Committee.

Joannou graduated from the University of Toronto with a BASc in electrical engineering and an MEng in computer engineering. He is currently enrolled at McMaster University working toward a PhD in software engineering.
Dejan S. Milojicic

Position statement. If elected, I will:

1. better align the Computer Society with technology evolution by introducing social networks, cloud computing, and mobile access to the Computer Society. As a part of Computing Now, I am already leading efforts that enable content delivery through Facebook, LinkedIn, iPhone, Kindle, etc.

2. continue to strengthen membership through improved educational, professional, and personal services. I will drive community-based development of services and emphasize collaboration across sister societies. Given scarce IT resources, services development is not easy and as a result, members cannot fully utilize Computer Society intellectual property.

3. help evolve the Computer Society Special Interest Group. Computer Society members can benefit from a dynamic technical engagement that SIGs can offer. The ability to form a focused team of experts with selective access to CS digital library, collaboration tools, and newsletters will increase the value CS can offer to its members.

Position statement. I feel very fortunate for the opportunity to put my professional and management expertise at the service of the Computer Society. The experience I have gained over many years of volunteer activity has given me a unique insight into the Society’s inner workings. I now truly believe that, if elected, I can help the Board of Governors continue focusing on the opportunities offered by technology advancements to further improve the services to its members.

Introducing e-book publications, simplifying procedures including conference sponsorship, and providing for member needs, benefits, and services will be among my top priorities, while addressing the current budget issues and working to maintain the Society’s excellent reputation. If elected, I will offer even more support than in the past, and I ask for your vote to help me achieve this opportunity.

Biography. Paolo Montuschi obtained an MSc in 1984 and a PhD in computer engineering in 1988. Since 2000, he has been a tenured full professor at Politecnico di Torino, Italy, where he currently serves as an elected member of the Board of Governors, chair of the Computer Engineering Department, and chair of the Board for Financial External Affairs.

For 20 years, Montuschi has been a member of IEEE and the IEEE Computer Society, where he has served as a member-at-large of the Computer Society’s Publications Board and as member of an IEEE ad-hoc Committee for Quality of Conference Articles in IEEE Xplore and of the Conference Publications Operating Committee and Digital Library Operating Committee. He served as guest editor and associate editor of IEEE Transactions on Computers from 2000–2004 and 2009–present, as well as program co-chair and program committee member of several IEEE conferences.

Montuschi authored many technical contributions published in peer-reviewed conferences, journals, IEEE transactions, and Computer Society publications. He has been active in several scientific and professional organizations associated with national and international universities, research institutions, companies, and governmental institutions.

An extended biography and vision statement are available at http://montuschi-bog-2011.polito.it.

Jane Chu Prey

Position statement. The IEEE Computer Society is the world’s premier organization for practitioners and academics in computing. We need to use this position to become more influential outside our current community and to provide thought leadership for both industry and academia.

With my background in academia, government, and industry, I have been fortunate to experience many different environments and colleagues. I’ve learned that academia, government, and industry have many overlapping hopes and goals—we just don’t say them the same way or approach problems the same way. That’s where the lack of collaboration comes from.

The top challenge I’d like to see the Society pursue is showing leadership in working with other professional and academic organizations to develop an all-up strategy to attract, retain, and develop women and underrepresented groups into our discipline.

It would be my privilege to help work on this and other priorities.

Biography. Jane Chu Prey graduated from the University of Illinois at Urbana-Champaign and received a PhD from the University of Virginia. She taught in the University of Virginia’s Computer Science Department for 11 years and joined Microsoft Research in 2004, where she leads the Tablet Technologies in Higher Education initiative. She is also responsible for the development and implementation of Microsoft Research’s Gender Diversity and Pipeline Strategy.

Prey spent two years as the Computer Science Program Manager at the US National Science Foundation. She has served on a number of advisory boards—both academic and professional, including the Dean’s Advisory Board at Virginia Tech College of Engineering, the Madeira School Board of Trustees, the Blue Ridge Community College Advisory Board, the ACM Education Board, and the ACM Special Interest Group on Computer Science Education (SIGCSE) Board.

Her Computer Society activities include work on the Educational Activities Board and Computer Society representative to the Frontiers in Education (FIE) steering committee. She served as both secretary and chair of the FIE steering committee, as well as program co-chair. Prey received FIE’s Ronald J. Schmitz Award for outstanding service. She currently serves as the Computer Society representative to the Computing Research Association’s Executive Board.
R. Sampath

Position statement: In today’s age of rapid and dynamic change, IEEE and the Computer Society serve as beacons of knowledge and adaptation. For continued relevance, the Computer Society should focus on new globalization needs, technology convergence, careers, collaboration, and innovative access to knowledge. Apart from member-value imperatives, industry needs, and younger member segments, also essential are macro causes such as innovation, education, and humanitarian technology efforts that have the added benefit of mobilizing our community.

The Board of Governors is responsible for guidance, strategy, direction, and oversight. I offer the experience, insight, and cultural sensibility to provide strong leadership and to build partnerships that get results. I intend to spearhead these initiatives that truly make a difference for our members, the computing community, and the world at large. With your support, I hope to have the opportunity to serve you as a member of the Board of Governors.

Biography: R. Sampath is a director at Quanta Consulting, a Los Angeles-based advisory firm helping companies innovate—with a primary focus on humanitarian technologies for global and Indian markets. Sampath has over 20 years’ experience in industry and technology start-ups. He is a frequent speaker at conferences and has taught in the graduate program at the University of California, Irvine.

Sampath has provided IEEE and Computer Society leadership at the chapter, section, and regional levels in Texas, Virginia, and California. His Computer Society roles have included work on the Publications Board and the Member Development Committee. As the IEEE Orange County section chair, Sampath helped pioneer two initiatives: Engineers-in-Transition (focusing on careers and retraining) and Project E2E: Engineers-to-Educators (transitioning technology professionals into public school systems). He developed these initiatives in concert with California educational agencies, professional organizations, universities, and corporations. In 2008, he received the IEEE-USA Regional Professional Leadership Award for California public policy initiatives in education and engineering. He has been an IEEE Senior Member since 2004.

Sampath received a bachelor’s degree in electronics and communication engineering from the University of Southern California, Trichy, India, and an MBA from the University of Southern California.

Charlene (Chuck) Walrad

Position statement: The Computer Society, like our industry, is “living in interesting times.” Such challenges have always been a call to action and innovation for those in technology, leading to new and better solutions and products.

Operationally, we need to continue to look at how we do business and how we can do it better, using the economies of scale that are already available. We need to attract a new generation of volunteers and listen to them. Their fresh insights and can-do attitudes are energizing and often question the traditional ways of doing things.

We must leverage the IEEE’s credibility and brand-name recognition to increase the Computer Society’s visibility and influence in our industry. We must preserve the Society’s long-standing tradition of technical excellence in the academic and research communities and actively promote these strengths in the work and market places that computing professionals inhabit.

Biography: Charlene (“Chuck”) Walrad has more than 30 years of experience in the software and IT industries, leading the development of more than two dozen commercial software products across a variety of applications, ranging from the widely used Systran natural language translation systems, to CA Technologies’ Ingres RDBMS system. In 1987, she founded Davenport Consulting (www.daven.com), whose clients include companies like Adobe, IBM, Microsoft, AAA, and Ford. She has spoken at numerous industry conferences and written several publications in the field.

Walrad is a senior member of the IEEE and a member of the Computer Society’s Digital Library Operations Committee, Standards Activities Board, and Professional Activities Board. She serves on the Executive Committees of IEEE’s Software and Systems Engineering Standards Committee (S2ESC) and the IEEE Computer Society Technical and Conference Activities Board, and she is the working group chair for the development of a new software configuration management standard.