

IEEE CONSUMER TECHNOLOGY SOCIETY
Election of Members to the Board of Governors
For a Three-Year Term 1 January 2023 - 31 December 2025

Candidates from Regions 1-6 (United States)
(VOTE FOR ONE)



MICHAEL R. ANDREWS (S'69-AM'70-M'73-SM'84-LS'15)

Technical and professional experience summary:

Mr. Andrews is Managing Partner of Andrews & Associates, a consulting firm specializing in new product creation, business leadership and management development, operations, and logistics. Mr. Andrews was also the co-founder of Sound & Optics Systems, a company responsible for developing technology for law enforcement and military community. Mike is also a Founding Partner of the Inception Advisory Group, a consulting firm that provides design, development, construction, operations, strategic planning, and financing solutions to entities in the cannabis industry. Mr. Andrews' commitment to the community includes serving as President of the Smart Education Foundation, host to the SMART Competition; the Arizona Region Coordinator for the Future City Competition; the Salvation Army Advisory Board past chair and current member, Commissioner on the City of Phoenix Youth and Education Commission; member of the Grand Canyon University Engineering Advisory Board; and the Williams Institute for Ethics and Management Board of Directors.

Summary of the candidate's current and past service to the IEEE and the CTSoc:

IEEE-USA: Committees: Energy Policy, Fundraising, E-Week Planning, Annual Meeting Planning, Women in Engineering

MGA: Committees: Theodore W. Hissey Outstanding Young Professional Award; Center for Leadership Excellence, Awards & Recognition, Member Benefits, IEEE Foundation Taskforce

EA: HKN Conference Planning, EPICS, Continuing Education Committee; Member-at-Large

TA: TEMS AdCom and VP MMC

IEEE Board: Awards Board; Awards Signature Event, Values Based Web and Integrated Social Media Messaging Project; Ideation; Disruptive Innovations, New Initiatives, Nominations & Appointments, Public Visibility; Branding, Audit

Foundation: Life Members Committee, Foundation 50th Anniversary Planning

Region 6: Director 2013-14; GHTC Executive Advisory Committee; Life Member Region Coordinator, Conference Committee

SOCIETIES: Power and Energy Society, Consumer Technology Society, Women in Engineering, current member, AICN, Society on Social Implications of Technology, Technology and Engineering Management Society, Computer Society,

CONFERENCES: IEEE Rising Stars; SusTech; GHTC and Executive Advisory Committee Rising Stars Conference; IAS, VTS; Career and Talent Expo; Industry 2000

Statement:

I believe that the Consumer Technology Society has the opportunity to step forward as an IEEE public face, especially with both members and the general public. Unlike the other technical societies and communities within IEEE, CTSoc members "see the whole field".

CTSoc members, have a perspective of multiple IEEE fields of interest. That means that on consumer electronic issues ranging from computer design, home entertainment systems, security systems, manufacturing processes, consumer purchasing trends, etc., CTSoc members look at the overall impact on members or consumers versus the perspective based on the individual field of interest. The strength of CTSoc lies in our ability to motivate members from all the IEEE entities actively participate in CTSoc initiatives.

I believe that CTSoc can become the catalyst that can lead the conversation for IEEE with corporate decision makers and public officials as the world becomes more dependent on technology and the machine-human interface.



MICHAEL W. CONDRY (M'94-SM'04-F'19-LF'21)

Technical and professional experience summary:

Michael is a consultant. He also chairs the Advisory Board for ClinicAI, Inc. His recent studies are Digital Health consumer devices and data management for both personal and public health records. Michael's career spans both academic and industry positions. This includes senior leadership roles in Intel, Sun, and AT&T Bell Laboratories. At Intel, Michael the Client Division Chief Technical Officer retiring after 2015; he was awarded the prestigious Intel Quality Award, first team from R&D. At Sun he led the development of UNIX standards and process improvements architecture engineering. At AT&T he was an architect for the BellMac 32 processor, lead software projects including a Real-Time Unix design and Unix System V file system. He held teaching and research positions at Princeton University and University of Illinois, Urbana-Champaign. At University of Illinois, he served on Senator Al Gore's Internet committee. He has multiple patents and publications.

Summary of the candidate's current and past service to the IEEE and the CTSoc:

Michael is an IEEE Life Fellow and he was TEMS President 2016-2019, IES Senior AdCom, Member of Computer Society, CTSoc, and EMBS. He created IES Industry Forum series in 2005 that has successfully engaged industry in over 40 conferences.

He chaired the 2018 TAB AdHoc on Best Practices, leading to TAB changes, and is active in IEEE initiatives.

He chaired over 9 physical conferences for IES and TEMS and 8 online events. Annually, Michael gives multiple keynotes worldwide. He was on the standards panel at ICCE 2020, and organized an Industry Forum for ICCE 2022. Michael currently serves on the CTSoc Fellows committee and did so in 2021. He is organizing a health informatics workshop for fall of 2022 with CTSoc co-sponsorship.

IES Magazine Associate Editor. He has multiple publications and recently in Digital Health consumer technology. Working on architecture for health information system including consumer devices.

Statement:

In the past I engaged in chapter based CTSoc activities. I became interested society engagement with the opportunity enabled by consumer health management technologies, leading to technical research, engaging with industry and developing standards. In 2020 I presented a paper at ICCE on a consumer health device and was invited to be on a standards panel. In 2022 I organized an Industry Forum session for ICCE 2022. Currently, I am organization a workshop on these topics where CTSoc is a cosponsor.

Consumer health device data offers a significant opportunity for individual and public health management. Solutions must enable both domestic and international safe data exchange. Consumer products excel opportunity with frequent testing, allowing for early individual symptom detection. Integrating with a public health data system, allow for research and business growth. Solutions must have products share information both broadly and safely. CTSoc could lead an IEEE initiative in this area.



KATINA MICHAEL (M'05-SM'07)

Technical and professional experience summary:

Katina Michael BIT, MTransCrimPrev, PhD is a professor at Arizona State University, a Senior Global Futures Scientist in the Global Futures Laboratory and has a joint appointment in the School for the Future of Innovation in Society and School of Computing and Augmented Intelligence. She is the director of the Society Policy Engineering Collective (SPEC). She began her career in industry working in management information systems in 1994 at OTIS Elevator Company, followed by a systems analyst role at Andersen Consulting, and then as a pre-sales telecommunications engineer at Nortel Networks until 2002. In 2004, Katina launched what was a unique exploration of location-based services with industry partner Andrew Corporation. When Katina left industry, she was employed as an academic at the University of Wollongong from 2001 till 2021, and during that time served as the Associate Dean – International for the Faculty of Engineering and Information Sciences.

Summary of the candidate's current and past service to the IEEE and the CTSoc:

Katina Michael has been a Senior Member of the IEEE since 2005. She served as IEEE Technology and Society Magazine editor-in-chief from 2011-2017. She founded the IEEE Transactions on Technology and Society where she has been EIC since 2020. She was a senior editor of IEEE Consumer Electronics Magazine 2015-2022. She has chaired three international symposia for the IEEE Society on the Social Implications of Technology (Wollongong, Toronto, and Phoenix). She also served as the IEEE Working Group Chair for IEEE P2089- Age Appropriate Digital Services for Children that IEEE CTSoc sponsored. The IEEE standard 2089-2021 is now in effect. Katina has written over 135 IEEE articles. She has received multiple IEEE awards: the Brian M. O'Connell Award for her Distinguished Service to SSIT, IEEE Standard Association's Managing Director's Special Recognition Award, the IEEE Region VI Outstanding Member Contributing to Global Humanitarian Projects Award.

Statement:

Being a member of the IEEE Consumer Technology Society's Board of Governors, based out of Region VI will allow me to directly impact the charter of the Society with a particular perspective emanating from the intersection of society policy engineering. Every day new consumer technologies are entering the market with significant socio-ethical impacts on society. How to raise awareness to the ethical legal and social implications will become increasingly important to industry. I am presently the program chair of the IEEE Symposium on Digital Privacy and Social Media, and look forward to further impacting IEEE CTSoc with events that will raise awareness to the importance of improved socio-technical design. By emphasizing consultative processes in innovation, we can produce better technologies for people and reduce risks associated with potential harms, such as addictive devices and apps, and persuasive technologies. The impact of AI on consumer technologies will also be emphasized.

Candidates from Region 7 (Canada) (VOTE FOR ONE)



ANIS BEN ARFI (GSM'14-M'20-SM'22)

Technical and professional experience summary:

Dr. Arfi develops, tests and validates solutions for the 5G board market. He focuses on highly-efficient wireless solutions portfolio for the telecommunication networks. He completed his Post-Doctoral Fellowship in 2019 at the iRadio Lab - University of Calgary in parallel with an internship at Analog Devices funded by Mitacs Scholarship. His research centers on efficiency and bandwidth enhancement techniques for RF transceivers and wireless communication products. He has been involved in various industry and academic projects where he mentored engineers, graduate and undergraduate students. He developed automated solutions to carry out RF measurements, developed and implemented digital signal processing algorithms. He currently works on R&D projects as well as customer support. Dr. Anis is familiar with semi-conductor products, sensors, and follows closely the novelties and trends in telecommunications standards.

Summary of the candidate's current and past service to the IEEE and the CTSoc:

Dr. Anis served as the General chair of IEEE Rising Stars conference in 2020 hosted in Las Vegas.

He took key leadership roles in the IEEE Humanitarian Technology track, currently serving as member of the IEEE Special Interest Group on Humanitarian Technology (SIGHT) steering committee. He is also the general chair of the IEEE International Humanitarian Technology Conference (IHTC 2022).

Dr. Anis is a member of the IEEE HKN conference organization committee, he works on sponsorship and contributes to the Young Professionals Eta Chapter.

He is also involved in technical societies such as MTT-S and AP-S, where he serves as member of MTT-S technical committee TC-15: RF/Mixed-Signal Integrated Circuits and Signal Processing Committee.

Anis joined CTSoc recently, and in the past, he has volunteered with the IEEE Booth at the consumer electronics show on three different occasions.

Statement:

Getting involved with IEEE CTSoc board of governors will create an opportunity for me to learn and discover the work being done by the society to bring together different stakeholders active in the consumer technology field. In return, I will be sharing the knowledge and perspectives I have acquired volunteering with different IEEE OUs. Particularly, I believe that involving young professionals in the decision making and conference organization will be beneficial to the society in the long run. I will strive to create value to the membership, while focusing on students and young professionals who are trying to get involved with IEEE technical societies. Seeing the strength of CTSoc in its broad scope of topics and interests which can bring a diverse membership to collaborate on technical concepts. This will make CTSoc even more inclusive and attractive to all technical fields and disciplines



SREERAMAN RAJAN (S'91-M'03-SM'06)

Technical and professional experience summary:

After more than two decades of industrial and government research experience, I joined Carleton University as Canada Research Chair in Advanced Sensor Systems and Signal Processing. As the Director of Joint Institute for Biomedical Engineering between Carleton and Univ of Ottawa, I manage the biomedical program of seven departments across two Universities. While a Senior Defence Scientist in Canada's Defence research lab, I developed innovative electronic warfare solutions and provided advice to armed services, led several working groups in The Technical Cooperation Program (TTCP), an international defence and security cooperation program between five countries (US, UK, Canada, New Zealand and Australia). As signal processing expert, I developed novel fiber-optic modules and algorithms for an established optical company and an ultra long haul communication start-up company, delivered proof-of-concept for non-invasive physiological monitoring while at a biomedical start-up, and reactor safety and regulation systems for nuclear power reactors while in India.

Summary of the candidate's current and past service to the IEEE and the CTSoc:

I am the North America Regional Director of CTSoc, member of the CTSoc Award Committee, CTSoc's representative at IEEE Biometric Council and an appointed member of BoG CTSoc for 2021/2. I served IEEE MGA as its Admission and Advancement committee member (2015-17), member of MGA's Strategic Development and Environmental Assessment Committee (2015). I have been a member of IEEE Canada Board (2011-8/2018), served IEEE Canada as Executive Committee Member, Section Vitality Chair and External Relations Group Chair (2017-8/2018), its Area East Chair, member of Nomination Committee (2013-15). I served IEEE Ottawa Section as its Past Chair (2013-14), its Chair (2011-2012), Vice chair (2009-2010), and Treasurer (2007-2008). I also serve as Ottawa Chapter chair of EMB (2007-till now) and AESS (2020-till now). I was the General Co-Chair of 2019 IEEE GlobalSIP Conference, Associate General Chair of 2013 IEEE Radar Conference, Steering Committee Member of IEEE MeMeA Conference, Midwest Symposium.

Statement:

As an active IEEE member for 31 years, I have served IEEE in many capacities at Section, Region and IEEE levels. I am fully committed to serve CTSoc as a proactive R7 member-at-large with the intent to deliver a vibrant, progressive and valuable membership experience for all members. I will make our society activities and technical publications relevant to all our members. I will support the career and professional needs of our members and strive to develop programs aligned to their needs. I will reach out to our graduate student members and young professionals, motivate them to actively participate in the society, help them establish student clubs and chapters, and guide them toward leadership roles. I will collaborate with the board members to develop strategies that promote equity, diversity, and inclusion in every technical activity of the Society and further strengthen the Women in Engineering of CTSoc.

**Candidates from Region 8 (Europe, Middle East, & Africa)
(VOTE FOR ONE)****FRANCISCO J. BELLIDO (KIKO) (M'09-SM'14)****Technical and professional experience summary:**

Dr. Francisco J. Bellido (Kiko) is Associate Professor at the Dept. of Electronics, University of Córdoba (Spain) since 2001. Received his Ph.D. and M.Sc. degrees from the University of Cordoba, Spain, in 2007 and 2002. His research focus and expertise area are in Consumer Electronics and Communications.

He has chaired two IEEE Conferences and served as member of the Organizing Committee in many other International Conferences. He has authored or co-authored several monographs, Handbook for engineers and students and articles covering topics on Consumer Electronics and he serves as Reviewer for some indexed Journals (IEEE, MDPI). He is R&D external Auditor for European Quality Assurance Ltd. and he has led or participated as researcher in R&D projects or contracted by companies covering subjects related to Consumer Electronics, Smart Grids for CE, Smart Homes, IoT, Wireless Communications or Smart Lighting and managing working groups of up to 12 engineers.

Summary of the candidate's current and past service to the IEEE and the CTSoc:

He has been General Chair of IEEE 2016 ICCE (Las Vegas @CES). General Chair of IEEE 2014 ICCE-Berlin. Doctoral Workshop Chair of ICCE 2013. Publicity Chair in IEEE ICCE-Berlin 2012 and 2013 and IEEE ICCE-Berlin Advisor from 2015 to 2020. Recently he has been involved in the Organizing Committee of IEEE ISCT 2019 (Ancona, Italy), IEEE ICCE-Berlin 2020 and ICCE-Berlin 2021 as Treasurer.

He is co-founder and secretary of the IEEE CT Soc. Spanish Chapter and has served as TPC for many others IEEE International Conferences.

He has been Associate Editor in the Transactions on Consumer Electronics since 2014 and serves as Reviewer for some other IEEE Journals like CE Magazine, IEEE Sensors Journal, TII, TIE. He has authored or co-authored several publications in T-CE, CE Mag and other IEEE Journals. He is member of the IEEE Smart Cities and other IEEE Societies & Communities.

Statement:

My motivation to apply to IEEE CTSoc BoG is based on my natural concern to get involved in the activities of the CTSoc with which I feel fully identified.

My key-points are related to the promotion of the CTSoc beginning from the Young Professionals plus promoting new activities to give an added value to our colleagues and members. Also, to increase the cooperation among academia and industry. Industry should feel CTSoc as their natural home and should feel CTSoc upcoming activities in their scope of interest. To place CTSoc as the right place to find the newest research in their topics.

I think I can achieve these objectives by putting my best effort to satisfy and lead emerging CT trends and needs to our members. I am experienced in CTSoc and I think I am willing to perform my best in it.

**CHRISTIAN GROSS (M'21)****Technical and Professional Experience summary:**

As engineer with a doctorate (RWTH Aachen) and long-time manager (12 years head of conference service) at the Association of Electrical, Electronic & Information Technologies (VDE), I am working in the field of consumer technology for over 30 years. Since 2019, I have been teaching the subject of Management of Information Technologies (MIT) at the University of Economics and Management (FOM) Frankfurt/Main and, as board member of VDE Rhein-Main, I represent since 2021 the interests of corporate VDE members in the ICT field in particular. As part of my long-standing membership of the Information Technology Society (ITG) in the VDE, I have been committed to the international transfer of knowledge from science to application technology for over 11 years. Consumer technology has been my passion since I started my career in 1995.

Summary of the candidate's current and past service to the IEEE and the CTSoc:

As head of VDE Conference Service and member of the Information Technology Society (ITG) within VDE, I have been supporting the organization of the International Conference on Consumer Electronics (ICCE) - Berlin since 2011. This conference is part of the IFA fair and brings together researchers and engineers from industry, research centers and universities to exchange information and results of current work on systems, circuits, technologies, processes and applications in the consumer technology environment. This year I support the ICCE-Berlin as Program Chair cooperating with the Organizing Team, the German Chapter Chair and Messe-Berlin.

As IEEE CTSoc Chapter Chair I have 2021 contributed that Messe Berlin received the IEEE CTSoc Corporate Innovation & Leadership Award at CES® 2022 in Las Vegas. Since June 2022 I have been appointed by the BoG to serve in the position of the IEEE CTSoc Director, Region 8 (Europe, Middle East, and Africa).

Statement:

Consumer technologies (CT's) enrich our daily lives by enhancing our ability to communicate with each other, improve our health, protect our homes, or simply enjoy our lives. Today, it is no longer sufficient to view the digitization of our society solely from a technological perspective. We also need experts from consumer protection, market research and IT security for overcoming the new challenges.

With its vision to advance research, development, and deployment of cutting-edge innovative consumer technologies, the IEEE Consumer Technology Society (CTSoc) has established itself as the world's leading association dedicated to making technology work for people. This requires conferences, publications, scientific and technical progress, continuing education activities, and standardization.

As a candidate for a Member at Large, I see my task in strengthening the CTSoc network in Region 8, coordinating activities and increasing the visibility for our association in the direction of business, science, society and politics.



NORBERT HERENC SAR (S'06-M'11-SM'15)

Technical and Professional Experience summary:

Norbert Herencsar received the Ph.D. degree from the Brno University of Technology (BUT), Czechia, in 2010. In 2019, he was a Visiting Senior Research Fellow with the University of Calgary, Canada, for six months. Since 2015, he has been an Associate Professor with the Department of Telecommunications, BUT. He has served as the Chair of the Expert Panel on Electrical, Electronic, and Information Engineering at the Estonian Research Council (ETAg) for the 'Call 2022'. In March 2022, he was elected as a Member of the External Public Body of The Hungarian Academy of Sciences (MTA), Hungary. He has authored 230+ articles published in peer-reviewed journals or conference proceedings. His main research interests include electronics, instrumentation, measurement, and sensor systems. Since 2011, he has contributed as a Guest Co-Editor to several special issues in SCIE journals. He is ranked among World's Top 2% Scientists reported by Stanford University.

Summary of the candidate's current and past service to the IEEE and the CTSoc:

Norbert Herencsar is a Senior Member of IEEE. Since 2013, he has been an Organizing or a TPC Member of the AFRICON, I2MTC, ICUMT, IWSSIP, MWSCAS, and ICECS conferences, technically or financially co-sponsored by the IEEE. From 2017 to 2020, he has been the General Co-Chair of the International Conference on Telecommunications and Signal Processing (TSP), technically co-sponsored by IEEE R8. Since 2021, he has been the General Chair of the TSP. Since 2015, he has served in the IEEE Czechoslovakia Section Executive Committee as an SP/CAS/COM Joint Chapter Chair. Between 2015-2019, he served as Membership Development Officer too. In 2016, he was the General Co-Chair of the 'COST/IEEE-CASS Seasonal Training School in Fractional-Order Systems', organized in Brno and financially co-sponsored by IEEE CAS Society and COST Association. He serves as the Editor-in-Chief of IEEE Consumer Electronics Magazine of IEEE CTSoc and Associate Editor for IEEE Access, among other journals.

Statement:

IEEE MCE and TCE are considered the core of the IEEE CTSoc community and play a key role. Therefore, my responsibilities as a Member at Large of the IEEE CTSoc Board of Governors (BoG) may cover:

- Monitoring of flagship publications if they stimulate and promote the latest emerging technologies and research directions, data analysis of Scopus and ClaritiveWoS journal citation reports,
- Monitoring and analyzing if the editorial teams push enhanced excellence of publications (backlog in publishing, review process duration, promoting emerging multidisciplinary research topics), and propose new initiatives,
- Creating a transparent reward scheme for the best editors and reviewers among IEEE CTSoc members with potential involvement of industry partners and keeping attention to ethics-related issues.

If elected, in collaboration with VP of Publications, I will pursue the mentioned initiatives to bring the flagship publications to the next level of excellence in terms of valuable scientific measures.

Candidates from Region 9 (Latin America) (VOTE FOR ONE)



JORGE HIM (S'88-M'95-SM'04)

Technical and professional experience summary:

B.S. in Electromechanical Engineering; Technological University of Panama; Panama City, Panama; 1994. Owner and founder of Gauss Systems Corp. and member of Infocomm International, Former ICIA (International Communications Industries Association).

- Owner of Gauss Systems Corporation; Company dedicated in Rental, Staging, Sales and Installation projects of AV systems since 1995.
- Sales Engineer in RODELAG; an Electrical equipment and parts store. 1994.
- Electromechanical technician in Cardoze y Lindo Caterpillar dealer, a back up electrical power generator rental company. 1994
- Assistant of engineering in IRHE; A public electrical utility company. 1993.
- Indelsa; An electrical contractor's company 1993 to 1994.

In 1995 found Gauss Systems Corporation; Company dedicated to the entire range of audiovisual business; rental, sales, AV integration. He is the Founder of company and C.E.O. Gauss Systems is one of the 10 AV companies base in Panama City, among its main activities are the AV Systems integration, AV rental and staging.

Summary of the candidate's current and past service to the IEEE and the CTSoc:

COMMITTEES/BOARDS:

Individual Benefits and Service Committee R9 Representative (2005-2007)

REGIONS:

Region 9: Treasurer (2014-2015), Treasurer (2010-2011), Newsletter Editor and Coordinator (1999)

SECTIONS/CHAPTERS:

Consumer Electronics Society: Representative of CE Society to Region 9, promoting the CE Society to its members (2015)

Panama Section: Treasurer (2013-2014), SSAC (2009-2010), Treasurer (2005-2006), SSAC (2003-2004), Officers elections

Committee Chair (2002), Nominations Committee Chair (2001-2002), Awards & Recognition Committee Chair (2000-2002), Chair (1999-2000), Membership Development Committee Chair(1998-1999), SSAC (1997-1998).

IAS Panama Chapter: Web Master (2011-2012), Treasurer (2008-2010), Chair (2001-2007).

COMSOC Panama Chapter Treasurer (2005-2006)

STUDENT BRANCHES:

Chair, IEEE UTP Branch (1992)

Chair, founder of Communications, AP Society Student Joint Chapter (1991)

General Coordinator, Conescapan (1990)

Director of Branch Advertising Committee (1989)

SOCIETY:

Latin America Industrial Applications Society Area Chair 2009-2010

R9 North Industrial Applications Society Area Chair 2007-2008

CONFERENCES:

IEEE CONCAPAN 2020-2022, Conference Treasurer;

IEEE CONCAPAN 2014, Exhibition Committee Chair;

ISCE-Singapore-2011 International Advisor;

ICCE-Berlin-2011 International Advisor

Statement:

My professional career is focused on the electronic products marketing industry and how to make them integrate into systems that solve daily life in corporate environments and also supervise and execute its implementation in real environments, therefore, if I am elected as a member of the BoG I will focus on making proposals that have a more practical component when implementing.



RAFAEL SOTELO (S'90-M'05-SM'13)

Technical and professional experience summary:

PhD, Universidad de Vigo, Spain.

MBA, Universidad de Montevideo, Uruguay.

Electrical Engineer, Universidad de la República, Uruguay.

University teaching in STEM - LASPAU/Harvard University-2012

Entrepreneurship and Innovation - STVP/Stanford University-2015

Director, Department of Research-Universidad de Montevideo (2002-present).

Professor - Universidad de la República (1995-present).

Evaluator accreditation of Engineering degrees (South America).

1991-2010: Technician/Engineer/Technical Manager at TV-Channel 10, Uruguay (+AM&FM&CATV&DTH subsidiaries).

2011-2020: Ministry of Industry, Adjunct consultant.

2018-2020: Laboratorio Tecnológico del Uruguay, Consultant

2000-present: Industry consultant Software and Telecommunications and TCC (Cable TV)

2020 – Quantum-South (Quantum Computing Software Engineering), Founder and co-owner

Research:

Television & Multimedia

Quality of Experience

Recommender Systems

Quantum Computing

Distinctions:

"Uruguayan scientist with extensive experience" Ministry of Education (Uruguay) 2019.

Member of the National Research System (Uruguay), National Academy of Engineering of Uruguay, International Program Committee, and reviewer of many symposiums and journals.

Lecturer at international events (The Americas, Asia, Europe).

IEEE Senior Member.

Summary of the candidate's current and past service to the IEEE and the CTSoc:

2022-2023 - Chair of Quantum in Consumer Technology Technical Committee CTSoc.

2022 IEEE R9 Ethics Ad Hoc Committee

2022-2023 - Associate Editor IEEE Consumer Electronics Magazine

2021-2022 - CTSoc Regional Director, Region 9. Member of the BoG

2021-2022 - CTSoc Distinguished Lecturer

2016-2018 Broadcast Technology Society: AdCom Member at Large

2019-2021 Broadcast Technology Society: AdCom Member at Large

2019-2021 Broadcast Technology Society: Chair of Education Committee

2017 Chair South Cone Council (Sections Argentina, Chile, Paraguay, Uruguay)

2015-2016 Chair Uruguay Section

2013-2014 Vice Chair Uruguay Section

2012-2022 Chair (founder) of Broadcast Technology Society Uruguay Chapter

Vice Chair of Communications Society Uruguay Chapter

2017-2019 IEEE Broadcast Technology Associate Editor

2018 IEEE Transactions on Broadcasting Guest Editor Special Issue on Quality of Experience for Advanced Broadcast Systems

Statement:

IEEE is an incredible community of passionate people which share the goal of "Advancing Technology for Humanity". CTSoc, due to its Field of Interest, plays a key role within IEEE.

In the past years, I was involved in CTSoc activities both, from global and regional perspectives. I set up and chair the QCT TC. I acted as DL lecturing about Quantum Computing and about Video Quality of Experience. As regional director (R9) I promoted CTSoc sponsoring regional events, to increase its visibility.

I want to collaborate with CTSoc efforts in giving value to its members through technical and educational activities. I want to collaborate in widening the geographical extension and membership diversity of CTSoc. I want to help show potential CTSoc members the powerful network that IEEE and CTSoc have.

Candidates from Region 10 (Asia-Pacific) (VOTE FOR ONE)

JONG-MOON CHUNG (S'94-M'99-SM'04)



Technical and professional experience summary:

JM (Jong-Moon) received B.S. and M.S. degrees in electronic engineering from Yonsei University (Seoul, South Korea), and a Ph.D. degree in electrical engineering from the Pennsylvania State University (Eta Kappa Nu member). From 1997-99, he was an Assistant Professor and an Instructor at the Pennsylvania State University. From 2000-05, he was a tenured Associate Professor at the Oklahoma State University (OSU). Since 2005, he has been a Professor with the School of Electrical and Electronic Engineering and is also a Professor of Emergency Medicine at Yonsei University, where he is currently the Associate Dean of the College of Engineering. While at OSU he received the IEEE EIT 2000 Best Paper Award, Halliburton Outstanding Young

Faculty Award, Technology Innovator Award, Distinguished Faculty Award, and the Regents Distinguished Research Award. Since 2005 as a professor at Yonsei University, he received 4 government awards and 14 awards for research and teaching.

Summary of Current and Past IEEE and CT Society Services:

JM is serving as the CTSoc VP of Membership Development (since 2019) and Senior for the *IEEE Transactions on Consumer Electronics* (TCE) (since 2022, former AE 2019-2021). JM has served as an Editor of the *IEEE Transactions on Vehicular Technology* (2011-2021), Vice Chair of the R10 (APB) Membership Development Committee of IEEE ComSoc and has served in many IEEE conference leadership positions, which include General Co-Chair of IEEE ICCE 2022, TPC Co-Chair of IEEE ICCE 2021, General Chair of IEEE ICCE-Asia 2020, Organizing Chair of IEEE ICCE-Asia 2018, TPC Chair of IEEE ICCE-Asia 2016, Local Organizing Chair of IEEE WF-IoT 2014, Publicity Chair of IEEE ISCE 2013, Local Organizing Chair of IEEE IVMS 2013, Local Organizing Chair & TPC Co-Chair of IEEE VNC 2012, General Chair of IEEE MWSCAS 2011, Steering Committee Member of the IEEE MWSCAS, and Track Chair of IEEE MWSCAS 2002.

Statement:

As a graduate student, the first international conference I attended was IEEE ISCE 1997, and since then, I have been given the great honor to serve CESoc & CTSoc as a VP, Senior Editor, Associate Editor, and conference organizing committee member for 5 CESoc/CTSoc conferences. As you can see, I have always been a big fan of IEEE CESoc & CTSoc and want to see it grow and prosper in every aspect. If I am elected as a CTSoc BoG member, I will work hard to increase the number of members and help create and promote CTSoc events and activities. I will also use our conferences as a platform to serve current members and recruit new members to our society. In addition, I will work hard to contribute to the financial status of our society through various ways including membership and conference activities.



YU-CHENG FAN (S'00-M'05-SM'13)

Technical and Professional Experience summary:

Prof. Yu-Cheng Fan received his Ph.D. degree in Electrical Engineering from National Taiwan University (2005). He was an IC design engineer in ITRI (1999-2000). Currently, he is a Full Professor at the Department of Electronic Engineering, National Taipei University of Technology. Dr. Fan was a visiting scholar of University of Washington, U.S.A. (2019-2020).

His research interests are consumer electronics, 3DTV system, multimedia IC design. He received Best Paper Awards including IEEE ICCE 2003, IEEE ITRE 2005, APDSC 2010, IEEE ISNE 2013, IDW/3DSA 2016, IMID/3DSA 2017, IEEE ISNE 2018, IEEE ICCE 2020 (Best Poster Video Award), IEEE ICIET 2021, IEEE ICCCI 2021. Dr. Fan was presented with Dr. Shechtman Researcher Award (2015), IEEE CESoc/CTSoc Service Awards (2016/2017/2018/2019), excellent research-teacher award (2015), research progress awards (2010/2015) in NTUT and Industry-University Cooperation Outstanding Achievement Award (2011/2013/2014/2016/2017/2018) from MOST-Taiwan.

He is an IEEE Senior Member. He has published +180 journal/conference papers.

Summary of the candidate's current and past service to the IEEE and the CTSoc:

- 1) Asia-Pacific Regional Director, IEEE Consumer Technology Society (2019-2022)
- 2) Associate Editor, IEEE Access (CTSoc) (2021-2023)
- 3) Associate Editor, IEEE Transactions on Consumer Electronics (2022-2023)
- 4) Voting Member, IEEE Transactions on Games (2021-2022)
- 5) Voting Member, IEEE Transactions on Cognitive and Developmental Systems (2021-2022)
- 6) Vice Chair (2022)/Secretary (2021)/Co-Chair (2020), IEEE CTSoc VAR Technical Committee
- 7) IEEE CESoc/CTSoc Service Award (2016/2017/2018/2019)
- 8) IEEE Outstanding Leadership and Service Award (2005)
- 9) IEEE ICCE-TW: General Chair (2017, 2018)/TPC Chair (2016)/International Coordinator (2019-2021)/Award Chair (2015)
- 10) IEEE ICCE: TPC Chair (2021)/Track Chair (2018/2019/2020/2022)/Best Paper Competition Session Chair (2021)/TPC (2018-2022)
- 11) IEEE ICCE-Asia: Organizing Co-Chair (2020), TPC Co-Chair (2021)
- 12) IEEE GCCE: International Coordinator (2019)/TPC (2019, 2021)
- 13) IEEE ICIET: Special Session Chair (2020-2021)
- 14) IEEE ICCCI: Publicity Chair (2022)
- 15) ACM ICCCM: Publicity Chair (2022)
- 16) IEEE I2MTC: Tutorials Chair (2016)
- 17) IEEE ISNE: Local Chair (2018)
- 18) 3DSA: Panelist (2011/2013)/TPC (2011-2018)

Statement:

I started my professional career from CESoc/CTSoc as a student member since 2000 and have been closely involved with CESoc/CTSoc activities. My most important professional services were mainly related to CESoc/CTSoc including Asia-Pacific Regional Director, Associate Editor of IEEE Access and Transactions on Consumer Electronics, Voting Member of IEEE T-G and IEEE TCDS, Vice Chair (2022)/Secretary (2021)/Co-Chair (2020) of IEEE CTSoc VAR Technical Committee, General Chair/TPC Chair of IEEE ICCE-TW, TPC Chair of IEEE ICCE, Co-Chair (2020) and TPC Co-Chair (2021) of IEEE ICCE-Asia, International Coordinator of IEEE GCCE.

If I am elected as a BoG member, I will use the experience of service to the CTSoc to advance its mission, influence and reach of my society to engineering communities. I would like to devote myself to continuously increase the number of society members and take greater responsibility for promoting CTSoc activities, encouraging more members to attend CTSoc conferences.



DAOZHUANG (JOHNNY) LIN (M'17-SM'19)

Technical and professional experience summary:

I have extensive technical management experiences in my career since graduation from Tsinghua University in 2003. I was employed by China Mobile Communications at Beijing, a Fortune Global 50 company, serving as a computer scientist to lead various consumer relevant projects such as online exam platform, mobile wallet, CMCC WLAN, wireless communication service in Beijing 2008 Olympic Games, Big Data of Operator projects, etc., which served more than 20 million active users per day. After leaving CMCC, I was also responsible for the development, product design and marketing of online book writing platform and mobile game in a start-up company. Then I actively developed and promoted many international standards in Consumer Electronics and Blockchain fields in China and other countries as a volunteer. I'm also a member of Standards Committee of China Institute of Communications and Chief Standards Coordinator of Blockchain Committee.

Summary of the candidate's current and past service to the IEEE and the CTSoc:

I'm serving on IEEE SASB for the second term, and SASB NesCom for the first term currently. I'm also the Chair of CTS/Digital Finance and Economy Standards Committee, WG Chair of IEEE P2140, P2143 and P2146 WG, Asia-Pacific Coordinator of IEEE P2048 WG, Secretary of IEEE P2142, P2144, P2418.5, P2785, P2786, P2796, P2806, P2811, P2813 and P2868 WG. Most of these WGs are sponsored by the SC of CTS. I was a member of SASB RevCom for the two-year term from 2020 to 2021 and a member of SASB AudCom for the 2021 term, and actively participated in the activities in many OUs such as CTS, C, PES, etc.

Statement:

I've dived into Computer Science, Consumer Electronics and Blockchain Technology for more than twenty years, and dedicated myself to industry connections and standards related work in recent years, especially in the activities organized by IEEE. I look forward to the opportunity of serving on CTS BOG and making more contributions to IEEE community.



THINAGARAN PERUMAL (S'04-M'05-GSM'07-M'09-SM'14)

Technical and professional experience summary:

Thina is an Associate Professor with Universiti Putra Malaysia (UPM) involved with University-International Relations wide strategic developments in educational outreach program for consumer technology and embedded systems. His involvement in CE began during his postgraduate days where he conducts workshops, developing bespoke embedded systems and software products for CE applications. Chair of the Malaysian Chapter, he was awarded the CE Society's Early Career Award in 2014. While earning his PhD in Smart Technology, he conducted fundamental research in interoperability among various CE devices in smart homes and used the opportunity to broaden his skill in emerging areas like Internet of Things (IoT) and wearable devices for CE. Thina is also heading the National Committee on Standardization for IoT (IEC/ISO TC / G/16) as Chairman since 2018. He is an active member of IEEE Consumer Technology Society and its Future Directions Committee on Internet of Things.

Summary of the candidate's current and past service to the IEEE and the CTSoc:

Thina have been an active member of CTSoc for over 18 years. He co-founded CT Society's first chapter in Malaysia back in 2008. He also helped the society to establish strategic collaborations with several important organizations in Malaysia like Samsung and Intel. He worked as Technical Program committee of a number of CT Society conferences, including more than 50 IEEE conferences, served as reviewer, panel speaker, and session chair in the past. Some of the involvements are ICCE, ICCE-Berlin, ISCE, and GCCE. Thina is working hard to promote IoT as mainstream agenda for CE Future Directions Committee in various CT conferences and workshops. He is also involved in IEEE MGA's Volunteer Leadership Training and successfully completed the program. Currently, he is serving as Chair for Malaysian Chapter and a past member for Region 10's Section and Chapter Coordination Committee. Recently, he was appointed as IEEE STEM Ambassador for term 2022-2023.

Statement:

Having witnessed the profound effects that the consumer technologies have recently had on practitioners and industries, we are seeing a decisive shift of technology-led innovation and power to consumers. Therefore, I am keen to work hard and develop new ways and strategies for empowering the traditional aspects of consumers and broadening the society's appeal globally by:

- Establish a strategic plan for greater engagement of CTSoc practitioners globally.
- Continue efforts to establish local chapters in cities where we have a sufficient number of CTSoc members.
- Ensure continued CTSoc technological leadership in emerging areas.
- Increase CTSoc participation in technical activities that promote social responsibility and humanitarian projects.
- Promote CTSoc global presence in areas such as Internet of Things, Cyber Physical Systems, Life Sciences, Humanitarian Technology and Society.

With your support and vote, I shall give my best efforts and enthusiasm to achieve this mission.



SHOTAKAHASHI (S'09-GSM'10-M'13)

Technical and professional summary:

Dr. Sho Takahashi has been Associate Professor in the Faculty of Engineering, Hokkaido University, Japan, since April 2018. He received his B.S., M.S. and Ph.D. degrees in Electronics and Information Engineering from Hokkaido University, Japan in 2008, 2010 and 2013, respectively. He joined the Graduate School of Information Science and Technology, Hokkaido University, as an Assistant Professor in 2013. He was an Associate Professor of the Education and Research Center for Mathematical and Data Science, Hokkaido University from 2017 to 2018. He is a Visiting Professor of Media Integration and Communication Center, University of Florence from 2018 to 2019. He is currently an Associate Professor in the Faculty of Engineering, Hokkaido University. His research interests include semantic analysis and visualization and its application. He is working for accumulating theories and technologies of the consumer technology to actual fields as the faculty member in the civil and transportation engineering.

Summary of the candidate's current and past service to the IEEE and the CTSoc:

Dr. Takahashi has been contributing the related conferences not only as an author submitting papers to them but also as a member of the organizing committees. The most recent one is as the conference chair of the 2021 IEEE 10th Global Conference on Consumer Electronics (GCCE2021) one of the flagship conferences in the Consumer Electronics (CT) society. In addition, he was Vice TPC Chair of GCCE 2020 and Treasurer of GCCE 2019. Currently, he is the technical program chair of GCCE 2022. He has published more than 25 papers in GCCE and ICCE-TW. Furthermore, these papers and presentations have enhanced CT-Soc and related conference, and won the 7 paper awards from the CE (CT) Society related conferences, which are GCCE and ICCE-TW.

Statement:

Dr. Sho Takahashi realizes that presenting at an international conference with fair peer review is a wonderful experience for the young and motivates them to be more diligent in their daily research activities. Therefore, I would like to value the conference as a place for exchange, increase the number of participants, and improve the presentation qualities by narrowing the acceptance rate. I would organize networking events on career development for young researchers in CT fields at the conferences. Both studies on elemental technology and proposals on its application and implementation are acceptable for CT-Soc. I believe that we need to make a leading utmost contribution with consideration for respective situations and mutual benefits. I would like to be involved in providing new opportunities to increase growth and strengthen relations among various-fields' engineers and researchers.