IEEE CONSUMER ELECTRONICS SOCIETY
Election of Members to the Board of Governors
For a Three-Year Term 1 January 2020 - 31 December 2022

FRANCISCO J. BELLIDO (KIKO) (M'09-SM'14) 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 is in Consumer Electronics and Communications.

He has been General Chair of IEEE 2016 ICCE (Las Vegas @CES). Doctoral Workshop Chair of ICCE 2013. General Chair of IEEE 2014 ICCE-Berlin. Publicity Chair in IEEE ICCE-Berlin 2012 and 2013 and IEEE ICCE-Berlin Advisor from 2015 to 2018. Currently he is involved in the Organizing Committee of IEEE ISCT 2019 (Ancona, Italy), IEEE ICCE-Berlin 2019 and IEEE ICCE 2020.

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

He is Associate Editor in the *IEEE 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.

He is R&D external Auditor for European Quality Assurance Ltd. and he has leaded 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.

My motivation to apply to IEEE Consumer Electronics Soc. BoG is based on my natural concern to get involved in the activities of the CESoc with which I feel fully identified. Even more nowadays, right starting under a new Soc. name: IEEE Consumer Technology Society (CTSoc).

Emerging challenges!

My key-points are related to the promotion of the CESoc/CTSoc beginning from the Young Professionals as the seed of our future plus the integration and further cooperation among academia and industry. Industry should feel CESoc/CTSoc as their natural home to attend as well as the right place to find the newest research in their topics.

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

LUCIO CIABATTONI (GSM'12-M'15) is a researcher at the Polytechnic University of Marche, Ancona, Italy. He obtained the Automation Engineering Degree in 2010 (cum laude) and his PhD in Information Engineering in 2014 from the Politechnic University of Marche. In 2012/2013 he was a visiting scholar at The University of Arizona, Tucson, AZ, USA. Founder and CEO of the start-up META srl (www.metasistemi.it) in April 2014 and Revolt srl (www.revoltsrl.it) since January 2017. Lucio is also a lecturer of Assistive Technologies and Home Automation since 2016. His researches are related to human computer/machine interaction, residential energy management and eHealth. Lucio is co-author of more than 80 international publications (including 20+ CE society conferences publications). He cooperated with several other relevant research groups over the world and participated in a many EU funded projects.

IEEE Activities:
- General Chair, 2019 23rd IEEE International Symposium on Consumer Technologies (ISCT 2019 – Formerly ISCE)
- Chair IEEE Italy Section Consumer Electronics Society Chapter (2017-present)
- Associate Editor *IEEE Transactions on Consumer Electronics* (2017-present)
- Technical Program Chair, ICCE Berlin 2018
- Publication Chair, ICCE Berlin 2017
- Technical Program Co-Chair, ZINC 2018, ZINC 2019, ICCE Berlin 2019
- CE Society DL committee (2019-present)

Lucio has been actively serving as TCP, trackchair and reviewer of many CE conferences as IEEE ICCE Vegas (2016 - present), IEEE ICCE Berlin (2016 - present), ZINC (2018 - present). His major involvement has taken place in ICCE and CE Society. He also serve as a reviewer for *IEEE Transactions on Industrial Informatics*, *IEEE Transactions on Industrial Electronics*.

Statement: I would like to utilize my ICT and communication skills, as well as the experience gained from the leading of CESoc conferences, to serve the members of our Society.

Consumer electronics represents one of the most important and exciting areas for research and industrial development. We need to improve the way this information is spread to the industrial and academic audience. To achieve this mission, If elected, I will give my best efforts and enthusiasm to:

- Unify and improve: conference advertisement and promotion, chapters' visibility, initiatives promotion by strengthen social networks channels.
- Popularize the CE society and its services within students, master and doctoral programs
- Improve the Distinguished Lecture Program to accommodate the chapters and members' needs.
- Help to adopt the best practices found on successful CESoc conferences to increase the numbers and the quality.
- Help to improve the membership by attracting new members and maintaining the retention of the existing ones.

PETER CORCORAN (M'93-SM'07-F'10) is an IEEE Fellow for my contributions to digital camera technology; he has 450+ technical publications, 100+ journal papers, 150+ International peer reviewed conference papers; co-inventor on 300+ granted US patents, 80+ granted European patents. He is a University Lecturer for 30+ years; a member IEEE Consumer Electronics Society for 25 years; past Editor-in-Chief of *IEEE Consumer Electronics Magazine* (2010 to Dec 2016); past Vice-Dean of Research & Graduate studies at NUI Galway; co-founder of FotoNation (now a key business unit of Xperi corporation - www.xperi.com): he is one of 6 lead Principle Investigators in the "Centre for Research Training in Digitally Enhanced Reality" (DREAL), established in 2019, which has attracted 15M in seed funding from Science Foundation Ireland; his current research interests include Embedded Deep Learning & Embedded Computer Vision; Blockchain; Mobile Biometrics and Digitally-Enhanced Reality.

Peter is a member of the IEEE and CE Society for 25+ years; founding editor-in-chief for *CE Magazine* (2010-2016); TPC chair & conference chair of ICCE 2010 & 2011 respectively; conference mentor/advisor for ICCE 2016-2018; conference chair of IEEE GEM 2018; mentor/advisor for IEEE GEM 2019; former member of CE Society conference & publications committees; former CESoc liaison to IEEE smart-grid; current liaison & board member of IEEE Biometrics Council (2014-); current CESoc liaison to IEEE Blockchain initiative (2018-); editorial board member of *IEEE Transactions on Consumer Electronics* from 2009; *IEEE Transactions on Cloud Computing* from 2015; *IEEE Transactions on Neural Networks & Learning systems*; *IEEE CE Magazine* from 2011; Workshops Chair and speaker @ IEEE World-Forum on Internet-of-Things 2019; active member of IEEE-Ireland working group.

Statement: As a long-term member and contributing volunteer of IEEE CE-Society I am very familiar with the challenges IEEE and CE society currently face. Many traditional revenue-generating activities in conferences and publications face increasing competition and fundamental and highly disruptive shifts occurring on a global scale in the academic and technical publishing industry. In parallel the growth of new social media channels has fundamentally altered the way that researchers & technical professionals interact & communicate with each other. CE-Society needs to adapt in an agile manner to these changes. As example of what is possible I invite you to a 'Twitter moment", capturing the IEEE GEM 2018 conference: https://twitter.com/i/moments/1061174127342559232. This very profitable GEM conference provided an excellent experience to c.140 delegates &speakers; if elected I aim to re-invigorate our conference activities in the same way that I fostered and developed the IEEE CE Magazine (2010-2016).

KAZUYUKI KOJIMA (M'93-SM'07) I have been getting various experiences as an engineer and a researcher at private companies and universities. As an engineer of the first private company, I was in charge of developing embedded systems for vehicles. I applied artificial intelligence (AI) to the automotive embedded systems. I was also in charge of developing an operating system (OS) and middleware for dicing saws, one of semiconductor manufacturing equipment. After joining the Saitama University, I studied design optimization for automotive and housing air-conditioning systems. In the study, I built sensor network systems and developed the autonomous logic generator for FPGA. Currently, as an Associate Professor of Shonan Institute of Technology, I have been researching healthcare devices and combustion engine technologies. I applied IoT technologies to healthcare devices. As for the combustion engine, I have been developing new visualization technologies.

I am a senior member of IEEE. I have 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 2018 IEEE 7th Global Conference on Consumer Electronics (GCCE 2018), one of the flagship conferences in the Consumer Electronics (CE) society. I played an important role to lead every participant's memorable conference to successful. I also played many roles, as a vice TPC chair of GCCE 2013, a conference chair of GCCE 2014, a TPC chair of GCCE 2015, 2016, and 2017. In addition, I contribute to many other conferences such as ICCE-LV, ICCE-TW, ICCE-Asia, and ISCE as an International coordinator and a TPC member. I run the Open Data Symposium, at Osaka on September 2015, and the IoT Symposium, at Kyoto on March 2018, sponsored by CE Society West Japan Chapter.

Statement: I feel deeply honored to have an opportunity to be recommended as a nominee of BoG by the GCCE team, the LifeTech team, and the CE Society West Japan Chapter as well as many colleagues around me. I have been passionate about the contribution to CE society in order to broaden our research field worldwide as one of the steering committee members of related conferences. 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.

WAYNE LUPLOW (S'61-M'65-SM'83-F'96-LF'06)
Technical and Professional Experience:
• Wayne Luplow has held numerous technical and managerial positions in the Consumer Electronics industry for 55 years prior to his retirement in 2018.
• After two years of employment by RCA (David Sarnoff Laboratories), his only other employer has been Zenith Electronics from1964 to 2018.
• Early years at Zenith involved technical positions related to RF, Video Systems and Integrated Circuit technologies.
• Management Positions were held in the design of Zenith's Television Products, Research and Development of HDTV and Next Generation Broadcast Television (generally denoted and known as ATSC 3.0).
• He retired as Vice-President, Zenith R&D Lab.
• Since 1988, he has been, and still is, a member of the ATSC (Advanced Television Systems Committee) Board of Directors, serving as Board-Chair in 2010.
• He is the CE Society's representative to the ATSC.
• He chaired the Consumer Technology Association's Video Systems Standards Development Organization (R4) from1998 to 2018.

Service to IEEE and CE Society:
• Luplow served as editor-in-chief of the *IEEE's Transactions on Consumer Electronics* for 35 years.
• He is a five-decade long member of the IEEE Consumer Electronics Society's Administrative Committee (AdCom) and Board of Governors.
• He has contributed numerous articles to IEEE and other industry publications.
• For his work related to HDTV, in 1996 he became an IEEE Fellow "for leadership in establishing the terrestrial broadcast system for digital high definition television for North America."
• He is a 2006 recipient of the prestigious IEEE Masaru Ibuka Award, for "contributions to the development of the vestigial sideband (VSB) digital transmission system for digital television broadcasting."
• He is also an elected member of the IEEE Broadcast Technology Society's Administrative Committee (AdCom).
Education and Personal:
• Luplow received electrical engineering degrees (BSEE and MSEE) from the Universities of Wisconsin (1962) and Pennsylvania (1964).
• Luplow resides with his wife Judy in Libertyville, IL. They have four adult children and nine grandchildren.

Statement: My whole professional career has been integrally tied to Consumer Electronics – primarily in the area of television. This is seen in my employment, and my volunteer work within the IEEE, the Consumer Electronics Association (now CTA) and the Advanced Television Systems Committee. Even in retirement I have continued my volunteer service within the IEEE and the ATSC.

My goal is to maintain and grow the Consumer Electronics profession, and there is no more appropriate manner to do this than growth of the industry and its members (especially the younger members) through my membership in, and leadership of, the IEEE's CE Society. I continually work for balance between the academic and industrial members of our Society and its Board of Governors.

STEFAN MOZAR (M'88-SM'92-F'15) studied and graduated with engineering degrees from the University of New South Wales (UNSW) in Sydney, Australia. His doctoral work was done at UNSW and Okayama University in Japan. His MBA is from the University of Technology, Sydney. He is a Fellow of the IEEE, and of Engineers Australia. He is an Australian Chartered Professional Engineer (CPEng).

Stefan has experience in industry and academia. He has worked in Telecommunications, Consumer Electronics, and Industrial Electronics. He has held senior leadership roles as CEO, General Manager, and CTO in technology companies.

He has worked on television for Grundig and Nordmende in Germany, NEC in Australia, and Philips in Singapore.

He has taught for a number of Australian, Asian, and British Universities. His work has resulted in inventions, patents, and publications. He has worked on projects that won about 28 design awards globally. He is the recipient of the David Robinson award from Engineers Australia.

Service to IEEE and CE Society:
Sections Congress 2017-Sydney Australia
• Local arrangements Chair
• Region-10 Sections Congress Chair

Educational Activities Board: Member of Certificates, Certifications, and Credit Bearing Programs Committee

Technical Activities Board (TAB) Representative to Conferences Committee
• Member Conferences Publications Committee (2016)
• Chaired ad hoc on "Conference Naming" (2012)
• Chaired ad hoc on "Conference Finances" (2013)
• Invited POCO presentations (2012-2013)

TAB Global Initiatives Committee: Committee Member (2013-2014)

TAB Life Sciences Technical Community
• Chair LSTC (2018-2019)
• General Chair First IEEE Life Sciences Conference 2017
• Education Chair (2014-2017)

Service on Section committees:
• Innovations Committee Chair Region-10
• Served on the following sections:
• Singapore
• NSW, Australia
• Hong Kong

Consumer Electronics Society (CE Soc):
• VP Ops & Planning (2019)
• Past President (2015-2018)
• DL (2015-2016)
• President CE Soc (2013-2014)
• VP Conferences (2010-2013)
• VP International Affairs & Chapter Relations (1998-2009)
• Founder of the *CE Magazine*
• Associate Editor *CE Magazine*
• Associate Editor *CE Newsletter*
• Associate editor *Transactions on CE*

Conferences: He started 15 IEEE conferences

Statement: Many new technologies have been developed in Consumer Electronics, resulting in many new opportunities for our society to grow. One common theme is bringing products from the garage to market. My goal is to help make the CE Society the preferred society for IEEE members interested in consumer technologies. I have a track record of successfully providing leadership in the CE Industry and to our society. My major achievements are starting the *CE Magazine*, and I started several very successful CE Society regional conferences, like the ISCE, and by working with regional groups I started the following conferences: GCCE (Japan), ICCE Asia, ICCE Taiwan, ICCE Berlin. I have served on many IEEE committees in Technical Activities and in Geographic Areas. Thus I have built a network that can support the CE Society to advance. My experience and leadership in the CE Society and in the IEEE have been recognized with many IEEE awards. Please consider the society's future and vote for me.

JOONKI PAIK (S'88-M'90-SM'11) was born in Seoul, Korea in 1960. He received the B.S. degree in control and instrumentation engineering from Seoul National University in 1984. He received the M.S. and the Ph.D. degrees in electrical engineering and computer science from Northwestern University in 1987 and 1990, respectively. From 1990 to 1993, he joined Samsung Electronics, where he designed the image stabilization chip sets for consumer's camcorders. Since 1993, he has joined the faculty at Chung-Ang University, Seoul, Korea. From 1999 to 2002, he was a visiting Professor at the Department of Electrical and Computer Engineering at the University of Tennessee, Knoxville. From 2005 to 2007, and from 2013 to 2016, he served as Dean of the Graduate School of Advanced Imaging Science, Multimedia and Film at Chung-Ang University. He was the President of Institute of Electronics and Information Engineers (IEIE), and vice president of IEEE Consumer Electronics Society in 2018. Dr. Paik was a recipient of Chester-Sall Award from IEEE Consumer Electronics Society, Academic Award from the Institute of Electronic Engineers of Korea, and Best Research Professor Award from Chung-Ang University.

Technical and Professional Experience: Since 2005, he has been the head of National Research Laboratory in the field of image processing and intelligent systems. In 2008, he has worked as a full-time technical consultant for the System LSI Division in Samsung Electronics, where he developed various computational photographic techniques including an extended depth of field (EDoF) system. From 2005 to 2010 he has been Director of Seoul Future Contents Convergence (SFCC) Cluster established by Seoul Research and Business Development (R&BD) Program. From 2010 to 2012, he was a member of Presidential Advisory Board for Scientific/Technical policy of Korean Government. Since 2014, he has been a technical consultant of Korean Supreme Prosecutor's Office for computational forensics.

Service to IEEE and CE Society:
• Associate editor of *IEEE Transactions on Consumer Electronics*.
• Technical Program Committee Chair-Korea of International Conference on Consumer Electronics, Las Vegas (ICCE-Las Vegas), USA.
• General Chair of International Symposium on Consumer Electronics (ISCE) 2014, Jeju, Korea.
• BoG of the CE Society since 2014.
• Vice President of Membership in the CE Society in 2015.

- Member of Conference Committee in the CE Society in 2016.
- Founder and General Chair of International Conference on Consumer Electronics-Asia (ICCE-Asia) 2016, Seoul, Korea.
- General Chair of IEEE/IEIE International Conference on Electronics, Information and Communications 2018 at Honolulu, Hawaii.
- Vice President of International Affairs, IEEE Consumer Electronics Society from 2016 to 2017.
- Director of Sister and Related Societies Committee, IEEE Consumer Electronics Society in 2019.

Statement: The candidate started his professional career since 1990 with appointment of Samsung Electronics, and published papers in ICCE and IEEE Transactions on Consumer Electronics in the same year. The CE Society has been home of the candidate's research and technical society. Based on the experience of the BoG, Vice President of Membership, and conference organization, the candidate plans to revitalize the society by providing members larger-size, higher-quality academic/technical service than ever. More specifically, membership drive will be connected with every society meeting such as ICCE-Las Vegas, ICCE-Berlin, and ISCE, to name a few. Potential members in Region 10 will be recruited via society's Asian Pacific events such as GCCE and ICCE-Asia. Most academic societies in the world are facing the problem of membership decreasing, and the IEEE is not an exception. In this context, the candidate will put efforts to keep or increase the membership of the CE Society using new approaches.

THINAGARAN PERUMAL (S'24-AM'05-M'05-GSM'07-M'09-SM'14) is a Senior Lecturer with Universiti Putra Malaysia (UPM) with major responsibility for University-International Relations wide strategic developments in educational outreach program for consumer electronics 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 Malaysia Chapter, he was awarded the CE Society's Early Career Award in 2014. While earning his Ph.D. in Smart Technology (2012), 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. He is working hard to improve CESoc visibility by promoting CE related activities and projects for young professionals especially in South East Asia. Thina is also heading the National Committee on Standardization for IoT (IEC/ISO TC / G/16) as Chairman since 2018. Some of the eminent works include proactive architecture for IoT systems; development of the cognitive IoT frameworks for smart homes and wearable devices for rehabilitation purposes. He is an active member of IEEE Consumer Electronics Society and its Future Directions Committee on Internet of Things. He has been invited to give several keynote lectures and plenary talk on Internet of Things in various institutions and organizations internationally. He has published several papers in IEEE Conferences and Journals and is serving as TPC member for several reputed IEEE conferences. He is an active reviewer for *IEEE Internet of Things Journal*, *IEEE Communication Magazine*, *IEEE Sensors Journal*, and *IEEE Transaction for Automation Science and Engineering*, to name a few. He was the General Chair for IEEE International Symposium on Consumer Electronics 2017 (ISCE'17) held in Kuala Lumpur, Malaysia.

Technical and Professional Experience Summary:
IEEE Activities (not-listed-all)
Region:
- 2016 Jury, AIYEHUM Challenge, Region 10
- 2015 Member, R10 Section and Chapter Coordination Committee

Sections/Chapters:
- 2019 IEEE Consumer Electronics Society Malaysia Chapter Chair
- 2018 IEEE Consumer Electronics Society Malaysia Chapter Chair
- 2014 IEEE Consumer Electronics Society Malaysia Chapter Secretary
- 2005 IEEE Computer Society Malaysia Chapter Executive Committee
- 2004 IEEE Computer Society Malaysia Chapter Secretary
- 2003 IEEE Computer Society Malaysia Chapter Executive Committee
- 2014 Graduate, IEEE Volunteer Leadership Training (VLT 2014)

Society: 2014-Current Member, IEEE CE Future Direction Committee on Internet of Things

Conferences:
- 2018, General Chair, IEEE International Conference on Communication, Computing and Internet of Things (IC3IoT 2018), Chennai, India.
- 2017, General Chair, International Symposium of Consumer Electronics (ISCE2017)
- 2016 Co-Chair of Special Session on Consumer Centric IoT & Fog Computing at IEEE GCCE 2016, Japan.
- 2016 Co-Chair of International Workshop on Consumer Centric Internet of Things (IWCCIoT 2015) in Kuala Lumpur, Malaysia.
- 2015 Co-Chair of Special Session on Consumer Centric IoT & Fog Computing at IEEE GCCE 2015, Japan.
- 2015 Panelist in Panel Discussion on Internet of Things at ICCE 2015, Las Vegas, USA.
- 2015 Chair of Enabling Technologies Track at ICCE 2015, Las Vegas, USA.
- 2006 IEEE DELTA Conference Local Cooperation and Sponsorship Chair
- 2004 Publicity Chair for IEEE RENTAS Conference (also in 2002, 2004 and 2006)
- 2006 –Current: Reviewer for IEEE CE conferences (ISCE, ICCE)
- 2006 Secretariat for IEEE International Conference on Computing and Informatics (ICOCI)

Service to IEEE and CE Society: Thina has been an active member of CE Society for over 16 years. He co-founded CE Society's first chapter in Malaysia back in 2008. He also helped the society to establish strategic collaborations with several important CE organizations in Malaysia like Samsung and Intel. He has worked on the Technical Program committee of a number of CE 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, GCCE, IEEE ICCVE, IEEE ICOS and IEEE GHTCE. He is also working hard to promote IoT as mainstream agenda for CE Future Directions Committee in various CE conferences and workshops. Thina is actively involved in CESoc Future Directions Committee in IoT and have been promoting CESoc roles in IoT through various workshops, plenary discussion and special sessions in conferences. In 2014, he was selected for IEEE MGA's Volunteer Leadership Training and successfully completed the program. He was the keynote speaker for IEEE ICGCIoT 2015, IEEE ICATCCT 2016 and ICSP 2016. Currently, he is serving as Chair for Malaysia Chapter and also a past member for Region 10's Section and Chapter Coordination Committee. He was the General Chair for ISCE 2017, held in Kuala Lumpur.

Statement: Having witnessed the profound effects that the CE technologies have recently had on practitioners and industries, we are seeing a decisive shift of technology-led innovation and power to consumers. I believe that CE Society is transitioning towards technology-enabled changed in organization and to remain as powerful entity in IEEE ecosystem, it need to ensure its relevancy to be a key player for technology advancement. Therefore, I am keen to work hard and develop new ways and strategies for empowering the traditional aspects of CE and broadening the society's appeal globally. To achieve this mission, I will work to:
• Establish a strategic plan for greater engagement of CESoc practitioners, from within IEEE and from the rest of the industry.
• Strengthen the CESoc Women in Engineering and Young Professionals (YP) program to sustain membership retention and increase YP presence in all regions.
• Continue efforts to establish local chapters in cities where we have a sufficient number of CESoc members.
• Ensure continued CESoc technological leadership in emerging areas through new publications, ICCE and ISCE conferences, inter-disciplinary initiatives, and social media tools.
• Increase CESoc participation in technical activities that promote social responsibility and humanitarian projects especially for young professionals / entrepreneur communities.
• Promote CESoc 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. My goal is to attract and keep CE practitioners, from within IEEE and from the rest of industry who have not yet joined CESoc.

FERNANDO PESCADOR (M'07-SM'13) was born in Madrid (Spain) in 1971. I received the engineering degree in 1999 and PhD degree from the Polytechnic University of Madrid (UPM-Spain) in 2011. My research interests are real time video coding, multiprocessor architectures for video coding and digital video broadcasting. I'm IEEE CESoc member from 2007 and senior member from 2013.

I'm Associate Professor at UPM since 1995 and the head of the Telematic and Electronic Engineering Department (DTE) since 2012. I have teached several courses during more than 20 years mainly related with digital design and microprocessor

In research, I'm with the Electronic and Microelectronic Design Group (GDEM) since 1999 and with Research Center on Software Technology and Multimedia (CITSEM) since 2013. I have participated in more than 20 projects for companies and more than 10 projects financed by European Union (EU) and Spanish authorities. I have published 13 papers in journals with impact index and more than 50 papers in international conferences with peer reviewers. Additionally to my participation in the IEEE CESoc activities, I'm member of several International Technical Program Committees and reviewer of several journals and transactions.

Service to IEEE and CE Society: I have been involved in the CESoc during last years. My main contributions:
• Member of the Board of Governors of CESoc from 2012-2015 and 2017-2019
• Editor in Chief of the *Transactions on Consumer Electronics* from 2017. Previously, I was Associate Editor from 2012. In 2018, I have processed more than 600 papers in my position as EiC.
• General Chair of the ICCE2017
• Technical Program Chair of the ICCE2014
• General Chair of the Symposium on Consumer Electronic organized in Madrid in June 2015
• Member of the Conference and Publication Committees of the IEEE CESoc from 2015.
• Member of the Technical Program Committee in the following conferences: ICCE (from 2007), ISCE (from 2010), ICCE-Berlin (from 2012) and GCCE (from 2012).
• President and founder of the Spanish Chapter of CESoc from 2014
• Best paper Award in the International Symposium on Consumer Electronic 2011 (Singapore)
• Third Position of the Chester Shall Award in 2014 (Las Vegas)

Statement: During the last 15 years, I have been volunteer in many IEEE events related mainly with Consumer Electronic but also in the Education Society. I have been involved in several activities related with conference and publications, so I have enough experience to contribute in their improvement.

During the next term, my proposal is to work in collaboration with the rest of BoG team with the following objectives:
• Increase the influence of the *Transaction on Consumer Electronics*. During last year we have done a big effort to move TCE to IEEE publications. This effort will help to be a modern journal and improve our quality. The increase of the "biometric parameters" of the journal is very important nowadays.
• Improve the impact of our conferences and journals. Nowadays the competence of conference and journals is tremendous and in near future only the best conferences and journals will be able to survive. In this complex environment, the quality is the key factor, so we need to continue increasing the quality of the papers and the impact factor of the journals.
• Increase the number of members of the Society. We should try to find collaborations with other sister societies in order to get more people involved. One of the most important problems of the IEEE is that the number of members is decreasing, so an extra effort is needed to maintain and increase the CESoc members. ¿How to do it? The only way is to increase and improve the services we give to the members.
• Increase the connection with the industry. The link between the academia and the industry is not simple, but the number of companies involved in "Consumer Electronic" applications is huge around the world, so we need to access them. Probably, the format of our journals and our conferences is too academic, so we need to find a communication channel with them and offer "something different" closer to the companies.

ANIRBAN SENGUPTA (GSM'09-M'09-SM'17) I am IEEE Senior Member of IEEE CE Society. In last several years I have been serving CE Society in many capacities with full dedication and hard-work including:
1. I have over 200 peer-reviewed publications through my strong research carried out in last 12 years.
2. Founder and Chair of IEEE Consumer Electronics Society Bombay Section Chapter (2019-onward)
3. General Chair of ICCE 2019
4. Associate Editor, *IEEE Transactions on Consumer Electronics* (2019-Present)
5. Technical Co-Chair of ICCE Berlin 2019
6. Technical Chair of ICCE 2018, LV
7. IEEE CESoc Distinguished Lecturer (2017-2018)
8. IEEE CESoc Education and Distinguished Lecturer Nominations Committee (2018-Present)
9. Associate Editor of *IEEE Consumer Electronics Magazine* (2015-2017)
10. Executive Editor of *IEEE Consumer Electronics Magazine* (2017-2018)
11. Senior Editor of *IEEE Consumer Electronics Magazine* (2018-2019)
12. Recipient of Best Paper Awards in ICCE 2019 and *IEEE CE Magazine* 2018
13. Author publishing several papers in *IEEE Transactions on Consumer Electronics*, *IEEE Consumer Electronics Magazine* and *ICCE*
14. Commissioned several special issues on hot topics in *IEEE Consumer Electronics Magazine* and *IEEE Transactions on Consumer Electronics*
15. Served as TPC member for ICCE 2017 and IEEE TENSYMP 2018
16. Commissioned several special sessions on emerging areas in ICCE 2018, ICCE 2019 LV, ICCE 2019 Berlin.

Statement: Owing to my extensive experience of over 12 years including activities with CE society, I believe I could help CE society to expand and grow across the globe. I could help CE Society to become one of the largest societies of IEEE. Further, due to my strong research portfolio with over 200 peer-reviewed publications to my credit, I am confident of strengthening the CE Society Transactions and Magazine. Additionally, I can help CE Society expand its area of spectrum in accordance to the new emerging needs of the dynamically changing scientific community. My vision lies in enabling CE Society periodicals (Transactions/Magazine) surge in its impact factor and attract world's best research works. In summary I would like to provide a new direction to CE Society in this growth in terms of its membership, impact enhancement of CE Society periodicals (Transactions/Magazine).

GORDANA VELIKIC (S'02-M'07) was born in Novi Sad, Serbia, in a family with mixed nationalities roots. She was raised with belief that diversity is a treasure, which when nurtured and respected properly, can reveal enchanting dimensions. During elementary and high school education she was recognized for her activities in math, biology, and creative writings, and for actively helping her peers in subjects that she excelled. She earned her PhD in Engineering from the University of Rochester, USA, and her MSc and BS from the University of Belgrade and the University of Novi Sad, Serbia, respectfully. Gordana Velikic enjoys finding solutions to challenges that merged scientific fields may bring, and opportunities to collaborate with teams that come from diverse backgrounds. She has won two separate research and teaching awards, one at the University of Novi Sad, and one at the University of Rochester.

Technical and Professional Experience: Gordana Velikic has research and teaching experience in the areas of sensors, nonlinear dynamics, digital signal processing, musical acoustics, digital audio, biomedical signals, and electromagnetic, clinical research, and technology transfer through academic collaboration with industry. She has been a team member in more than twenty research projects funded by the USA corporations and national funds, and the European funds, and a technical leader in five. Since 2008, she serves as an associate technical director at the Center for Future Health, University of Rochester, and as a scientist at the ECE Department, Univ. of Rochester, USA. During 2013 she has joined the RT-RK team in Novi Sad Serbia, and as a scientific director is in charge for the scientific research and development management. Diversity of fields that RT-RK is involved, gives her opportunity to grow with fast changing trends in consumer technologies.

Service to the IEEE and CE Society: During her graduate years at University of Rochester, Gordana served as the IEEE student branch chair for nearly two years. As a student chair she started and helped the organization of series of lectures and activities, many of which

were co-sponsored by the ECE Department. She was also active in WIE. Currently she serves as a Serbia and Montenegro Section CE Chapter chair. In Serbian Chapter she helped organizing many activities that are focused to help young professionals which resulted in increased number of young professionals/student members of CE Society in Serbia. She has served as a co-chair of 2015 IEEE First International CE Workshop in Novi Sad, and as a chair of ZINC (Zooming Innovations in CE Int. Conf.) Novi Sad. She has been part of the organizing committee of ICCE Berlin since 2016 in different roles. She serves BoG of CESoc term 2017-2019, and from July 2018. She is VP of Education.

Statement: Mutual understanding is a foundation for good collaboration and resolution of challenges. The IEEE is a global organization and differences between regions, such as cultural and economic, may vary greatly. I have served in diametrically opposite environments and I have witnessed that very often a little is needed for clarification of misunderstanding if a person knows where the difference is. Thus, my experience helps in understanding between the regions. Together we can do more – that is one of the reasons to join the organizations like IEEE and something that I always wholeheartedly stand for. Boundaries between disciplines are breached and consumer technology is a perfect example of multidisciplinary, interdisciplinary, and cross technology work in action. I will continue to put my efforts toward connections and collaborations between the communities, regions, other engineering organizations, and societies with our CE Society.

YU YUAN (M'04-SM'10) is a veteran researcher and practitioner in the areas of Consumer Electronics, Transportation, and Internet of Things. He founded Senses Global Corporation, a multinational technology company specializing in Virtual Reality, Augmented Reality, Human Augmentation, and Smart Robots. Prior to this he served as the president of CATE Global, a think tank focusing on bringing world-class expertise to clients and projects in China, USA, and the rest of the world. He also served as the CEO of Motiveware Technology, a company developing technologies and standards for mobile internet, location based services, connected vehicles, drones, and 3D printing. Prior to that he worked for IBM Research as a research scientist and was a key contributor to IBM IoT Technology Center. He is experienced in the patent process and invention development. He has filed numerous patents and received many IBM Invention Achievement awards and IBM High Value Patent awards. He has published extensively in referred conferences and journals, and he has organized many major conferences as general chair or program chair. He served or is serving on the TRB Standing Committee ABJ30 (Urban Transportation Data and Information Systems), ABJ50 (Information Systems and Technology), AHB30 (Vehicle-Highway Automation), ABE90 (Transportation in the Developing Countries), and the IFAC Technical Committee TC 7.1 (Automotive Control), TC 7.4 (Transportation Systems), TC 7.5 (Intelligent Autonomous Vehicles).
Service to IEEE and CE Society:
• Chair, IEEE Consumer Electronics Society Standards Committee (2019-2020)
• Standards Chair, IEEE Consumer Electronics Society (2015-2018)
• Standards Vice Chair, IEEE Consumer Electronics Society (2014)
• Chair of China Operations, IEEE Consumer Electronics Society (2015-2016)
• Director of China Conferences, IEEE Consumer Electronics Society (2013-2014)
• Associate Editor, *IEEE Consumer Electronics Magazine* (2011-Present)
• Member, IEEE Standards Association Board of Governors (2018-2019)
• Member, IEEE Standards Association Standards Board (2012-2017)
• Chair, IEEE SCC42 Standards Coordinating Committee on Transportation (2014-2018)
• Co-Chair, IEEE Digital Reality Initiative (2018)
• Chair, IEEE Digital Reality Initiative (2015-2017)
• Secretary, IEEE Transportation Electrification Community (2015-2016)
• Standards Chair, IEEE Transportation Electrification Community (2015-2016)

Dr. Yu Yuan has been engaged in extending IEEE CE Society's influence during the past years:
• He significantly enhanced IEEE CE Society's standards activities. During his service as the Standards Chair of IEEE CE Society, the number of IEEE standards overseen by IEEE CE Society was increased from 1 to 20+, making IEEE CE Society become the top 1 society within IEEE in terms of the active entity projects.
• He co-founded the Beijing chapter (IEEE CE Society's first chapter in mainland China) in 2008 and helped with its renaissance in 2019. He also co-founded the Shenzhen chapter in 2012.
• He was a key contributor in the initiation of IEEE CE Society's three conferences: ICCE-China, GHTCE, and ICCE-Asia.
• He helped IEEE CE Society establish strategic partnerships with several important organizations (CIC, CIE, CITE, CHTF, etc.) in China.

Statement: Being with IEEE CE Society for 15 years and watching the growing importance of consumer technology in human life, I believe the Society deserves a significant growth. As a candidate from the largest developing country, I look forward to contributing deeply and extensively to IEEE CE Society. I have been working on and will continue to be committed to helping the Society:
- Increase communications and collaborations between academia and industry;
- Enhance the coverage for small and medium-sized businesses;
- Foster standards activities for emerging technologies;
- Develop partnership with other important organizations worldwide;
- Improve public awareness and influence in growth markets and developing countries;
- Grow membership and participation globally.

It will be my greatest honor and pleasure to be of service to IEEE CE Society members. Thanks a lot for your kind consideration.