



LING CHUEN MICHAEL ONG

(Nominated by IEEE Region 10)

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Michael Ong received the PhD degree from the University of Birmingham, UK in 1996 on a Science and Engineering Research Council (UK) grant and Institute of Electrical Engineers postgraduate scholarship. He was with Singapore Telecom as project manager for Singapore's first digital trunked radio system. From 1999 to 2020, he was a senior scientist and manager for the Smart Nation Programme at the Agency for Science, Technology and Research where he was also principal investigator for more than 10 national funded projects.

He was also an adjunct Associate Professor with the National University of Singapore, lecturing a postgraduate module in RF System Design from 1999 to 2015. Currently, he is a Technical Consultant with a Satellite Services Company and a Faculty Associate with the Singapore University of Social Sciences.

**1 Region, 1 Vision = One Shared Future
- Building Region 11 Together -**

Statements

I am honored to be contesting for the position of IEEE Region 11 Director. With over two decades of extensive leadership experience within IEEE and beyond, I am deeply committed to advancing the organization's mission, empowering members, and fostering across our diverse and dynamic region.

Leadership and Administrative Expertise

My tenures as Region 10 Secretary, Treasurer, and various committee chairs have provided me with a profound understanding of the region's diverse needs and opportunities. I have successfully coordinated large-scale meetings with over 130 delegates, ensuring operational excellence and fostering coherence across the region. These experiences have honed my ability to navigate complex challenges, build consensus, and drive impactful outcomes.

Dedication to Conference Excellence

Throughout my career, I have demonstrated a strong commitment to upholding the highest standards in technical and professional activities. Having organized more than 12 IEEE conferences and served as General Chair for 4 conferences, I have consistently prioritized delivering robust technical programs that meet the needs of our members. My contributions to conference quality management underscore my dedication to enhancing IEEE's reputation for technical excellence.

Fostering Collaboration and Engagement

As Region 10 Secretary, I have prioritized initiatives that strengthen bonds among local leaders and sections. By arranging post-meeting dinner receptions and other informal gatherings, I have created opportunities to understand local challenges better and foster collaborative solutions. These efforts have not only strengthened relationships but have also deepened my appreciation for the unique strengths and aspirations of each section.

Technical and Program Management Expertise

My professional background as a Senior Scientist, Programme Manager, and Principal Investigator for more than 10 nationally funded projects equips me with the skills to manage complex, multidisciplinary initiatives. Notably, I played a key role in deploying Singapore's first digital trunked radio system, showcasing my ability to lead cutting-edge projects that deliver tangible results. This experience translates directly into my ability to guide IEEE initiatives that require innovative solutions and strategic oversight.

Commitment to IEEE Values

My leadership roles as MTT-AP Joint Chapter Chair and Singapore Section Chair reflect my dedication to IEEE's core values of diversity, inclusion, and technical excellence. Through membership development efforts and technical seminar programs, I have worked to enhance member benefits and grow volunteer leadership within our community. My approach is grounded in a belief that collaboration and shared purpose are the keys to success.

Vision for New Region 11

As Region 11 Director, I envision a region that continues to thrive as a global leader in technical innovation and member engagement. I will prioritize initiatives that enhance member benefits, foster cross-sectional collaboration, and ensure inclusivity across our diverse geography. Building on my past successes, I am committed to creating a sustainable framework for excellence that meets the evolving needs of our members and stakeholders.

My extensive leadership experience, technical expertise, and unwavering commitment to fostering collaboration uniquely position me to serve as Region 11 Director. I am eager to bring my skills and vision to this role, ensuring that Region 11 excels in its global impact while empowering our members to achieve their full potential.

IEEE Accomplishments and Activities

IEEE Activities:

Committees:

- IEEE Conference Application Review Committee (Chair, 2023-present, Member, 2021-2022)
- IEEE Conferences Committee (Sub-Committee Chair, 2023-present)
- IEEE Conference Quality Committee (Member, 2023-present)
- IEEE Technical Program Integrity Committee (Member, 2022)
- MGA Membership Recruitment & Recovery Committee (Region Member Development Coordinator, 2015-2017, 2020)
- MGA Member Benefits Portfolio Advisory Committee (Member, 2014-2015)

Region 10:

- Conference Committee (Chair, 2025-present)
- Secretary (2023-2024)
- Sections Congress 2023 (Coordinator, 2023)
- Conference Quality & Management Committee (Chair, 2021-present)
- Conference & Technical Seminar Committee (Chair, 2019-2020)
- Member Development Committee (Chair, 2015-2018)
- Individual Benefits & Services Committee (Coordinator, 2013-2014)
- Treasurer (2011-2012)

Section/Chapter:

- Singapore Section (Chair, 2019-2020; Awards & Recognition Committee Chair, 2021-present; Vice-Chair, 2017-2018; Treasurer, 2015-2016)

For IEEE Region Delegate-Elect/Director-Elect, 2026-2027
IEEE Region Delegate/Director, 2028-2029
IEEE Region 11 (South Asia & Pacific)

- Started the IEEE Industry Night in 2020 with the Institute of Engineers Singapore in conjunction with the IEEE Day celebrations, with speakers from the industry and academia in this networking event for members and non-members
- Singapore MTT & AP Joint Chapter (Chair, 2010-2011; Vice-Chair, 2009; Treasurer, 2008)
- Started the MTT & AP joint Chapter Best Student Paper Awards in 2010

Conferences:

General Chair:

- IEEE Region 10 Conference 2024 (TENCON)
- Asia-Pacific Microwave Conference 2019 (APMC)
- IEEE Region 10 Conference 2016 (TENCON) (General Chair cum Finance Chair)
- IEEE International Symposium on Radio-Frequency Integration Technology 2012 (RFIT) (General Chair cum Finance Chair)

Finance Chair:

- IEEE GLOBECOM 2017
- IEEE MTT-S International Microwave Workshop Series on Advanced Materials and Processes for RF and THz Applications 2015
- IEEE MTT-S International Microwave Workshop Series on RF and Wireless Technologies for Biomedical and Healthcare Applications 2013
- IEEE International Topical Meeting on Microwave Photonics jointly held with Asia Pacific Microwave Photonics Conference 2011
- IEEE International Conference on Communication Systems 2006 & 2010
- Asia Pacific Microwave Conference 2009
- IEEE International Conference on Ultra-Wideband 2007
- IEEE International Workshop on Antenna Technology 2005

Technical Program Chair:

- Asia-Pacific Conference on Antennas and Propagation 2012

Key takeaways:

1. Empowering and engaging students/YPs/WIEs in synergizing programs, grooming them to be future IEEE leaders.
2. Sustaining the Sections and supporting the local technical communities with collaborations between the industry and academia.
3. To work closely with the stakeholders to implement a well-defined process for an inclusive R11.

My video presentation for R11 Director-Elect

https://drive.google.com/file/d/1vVKxTN3H0udVMKZ6gsjBZD0sDaA5_dqW/view?usp=drive_link



<https://www.facebook.com/100001669474874/posts/5138273066238292/?d=n>



<https://www.linkedin.com/in/michael-ong-920574238/recent-activity/>

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