



# IEEE Region 8 120<sup>th</sup> Annual Meeting 25<sup>th</sup> March 2023, Bucharest

*Lance Chun Che Fung*

*IEEE Region 10 Director 2023-2024*



# Congratulation to R8 120<sup>th</sup> Committee Meeting

No. **1189**

*Thomas A. Edison*

ELECTED \_\_\_\_\_

**Member:**

MAY 1 '08	15.00	MAY 8 '08	15
MAY 1 '09	15.00	MAY 6 '09	15
MAY 1 '10	15.00	MAY 7 '10	15
May 1, '11	15.00	MAY 18 '11	15
May 1, 12	15.00	MAY 8 '12	15

No. **2266**

*Prof. A. Graham Bell.*

ELECTED \_\_\_\_\_

**Member:**

MAY 1 '08	15.00	MAY 1 '08	15
MAY 1 '09	15.00	MAY 13 '09	15
MAY 1 '10	15.00	MAY 10 '10	15
May 1, '11	15.00	JUN 12 '11	15
May 1, 12	15.00	APR 18 '12	15

The entrance fee shall be ten dollars per annum and associates shall be ten dollars per annum meeting, except that new associate members elected, shall from the first of the month of their election until the next annual meeting, be liable to fees and dues. Any member or associate may become, by the payment of one hundred dollars at any one time, a life member or associate, and shall not be liable thereafter to annual dues. The dues of members residing in foreign countries—beyond the seas—shall be five dollars per year, but such members shall have no vote for election of members.

To the Council of the American Institute of Electrical Engineers.

I, Nikola Tesla  
residing at Metropolitan Hotel  
and at present associated with \_\_\_\_\_  
as \_\_\_\_\_  
do hereby make application for admission into the American Institute of Electrical Engineers, as an **associate member**, with the privilege of being subsequently transferred to full membership, should my record prove satisfactory to the Board of Examiners.

Nikola Tesla  
Metropolitan Hotel  
Date and Address \_\_\_\_\_

[Should the candidate desire to be transferred from Associate to full Membership, he should give upon the blank page on the other side of this sheet, a concise record of his electrical career, also age, birthplace, etc., referring if possible to present members or associate members of the Institute.]

*John M. ...*  
*Ed. ...*

The Secretary will obtain these, if not convenient for the applicant.



**Nikola Tesla**  
(A'88, F'17, member for life)  
**Edison Medalist 1916**

IN THE days when a commercial rivalry existed between the supporters of the a-c and d-c systems, Nikola Tesla invented independently the polyphase a-c system and built the first small polyphase motor, inaugurating a new epoch in the electrical industry. His other discoveries and inventions are many, principally connected

**MAY 1934**

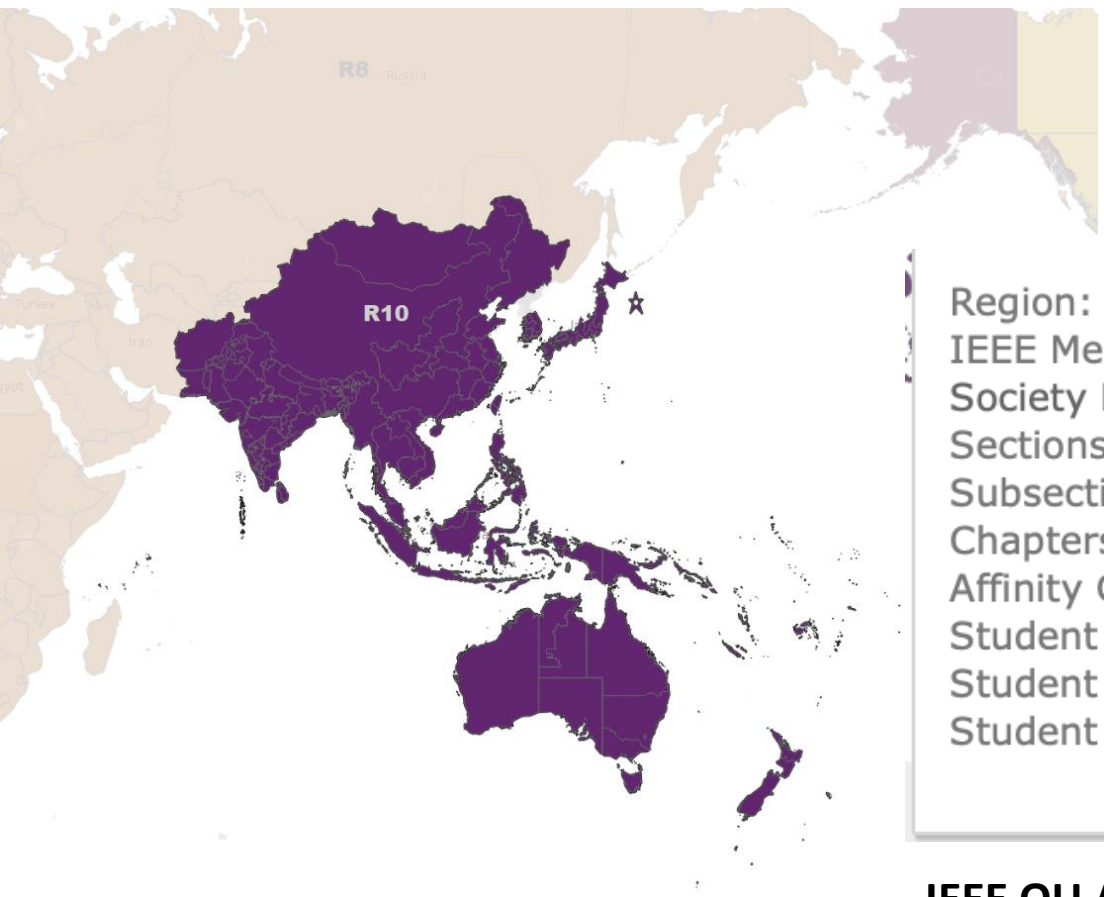


# About myself

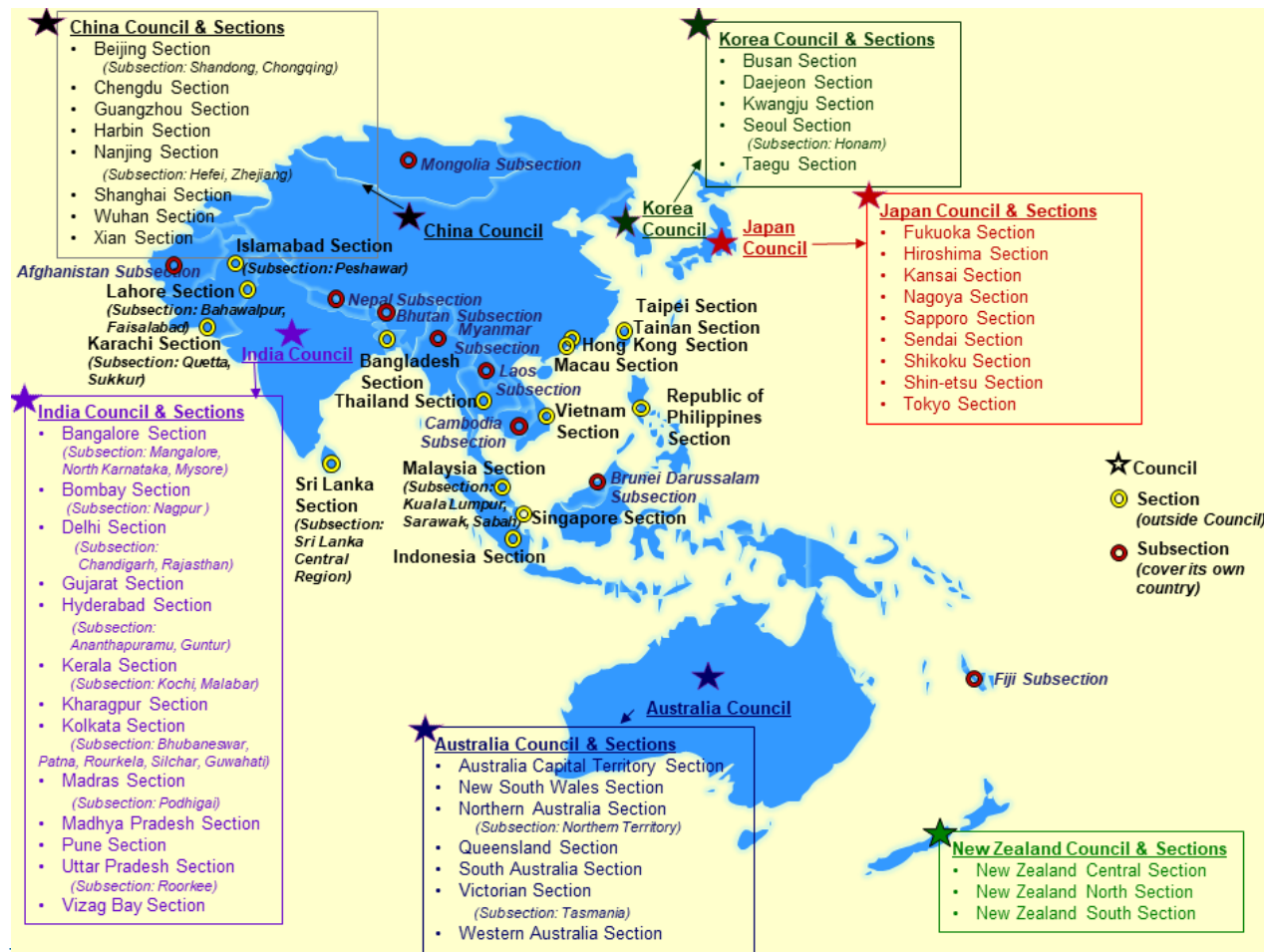


- ▶ **Emeritus Professor**, Murdoch University, Western Australia
- ▶ Worked in **Higher Education over 30 years** in Singapore and Australia
- ▶ **IEEE member over 30 years and volunteer for over 25 years**
- ▶ **Current:** R10 Director, Member of Audit Committee, MGA Strategic Planning Committee, Conference Organisation Integrity Committee, Conference Nomination Committee, AdHoc committee on Region Realignment and AdHoc Committee on Innovating Funding Model
- ▶ **Previous:** various positions in WA Section, Chapter, Australia Council, R10 ExCom, New Initiative Committee, Conference Quality Committee, Technical Program Integrity Committee, Member-at-Large SMC Society, Student Advisor, Counselor....





Region:	<b>R10</b>
IEEE Members:	<b>174,061</b>
Society Members:	<b>87,046</b>
Sections:	<b>60</b>
Subsections:	<b>42</b>
Chapters:	<b>833</b>
Affinity Groups:	<b>115</b>
Student Branches:	<b>1,778</b>
Student Affinity Groups:	<b>517</b>
Student Branch Chapters:	<b>1,869</b>



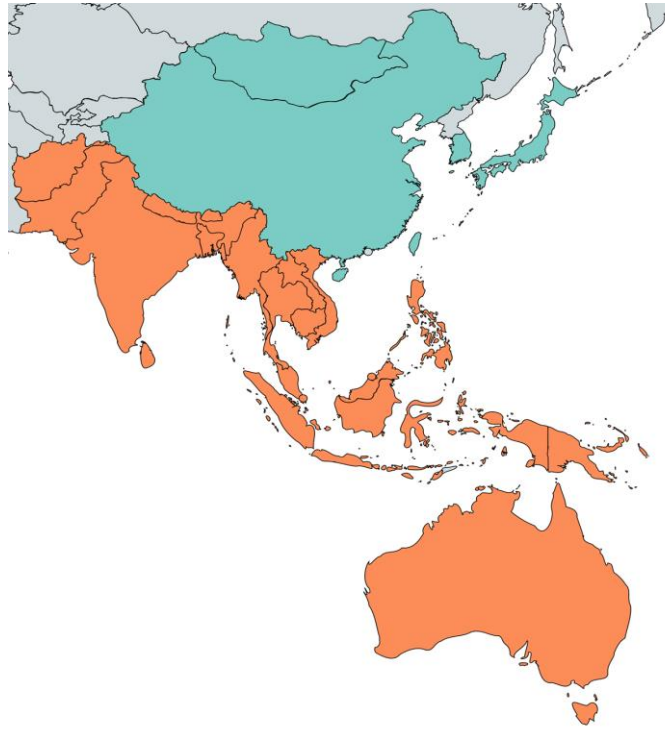
# 2023 IEEE Region 10 – Key Activities

## Inspire, Enable, Empower and Engage Members of IEEE

- Region Realignment
- Ethics Awareness and Advancement
- Climate Change / Global Energy Interconnection / Technical Policy Support Working Groups
- Conference Quality and Development
- Volunteer Upskills and Enhancement
- Philanthropy Initiatives
- R10 Robotics Competition
- Increase Collaboration with Technical Societies



# Our Region is all set for Realignment!



**North Asia**  
**Region 10**

**South Asia &  
Pacific**  
**Region 11**

***Effective 1 January 2028***

## IEEE Organizational Units - North Asia vs. South Asia-Pacific

Total number	North Asia	South Asia-Pacific
<b>Council</b>	<b>3</b> (China, Japan and Korea)	<b>3</b> (India, Australia and New Zealand)
<b>Sections</b>	<b>26</b>	<b>34</b>
<b>Subsections</b>	<b>6</b>	<b>36</b>
<b>Chapters</b>	<b>382</b>	<b>446</b>
<b>Affinity Groups</b>	<b>45</b>	<b>85</b>
<b>IEEE Membership Statistics as of 31 Dec 2022</b>	<b>61,754</b>	<b>99,617</b>
<b>IEEE Voting Members as of 31 Dec 2022</b>	<b>56,526</b>	<b>45,241</b>

# 2023 R10 Flagship Events

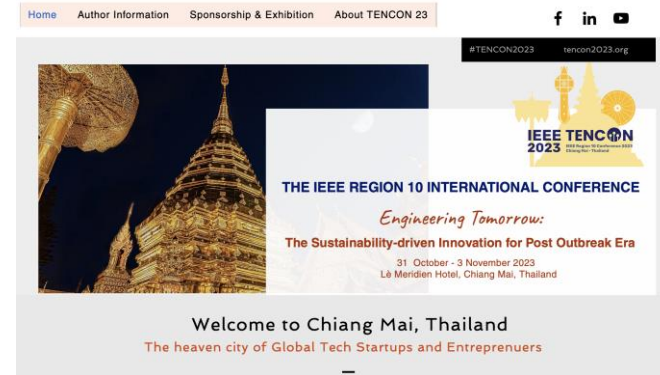


<https://tensymp2023.org/>



About IEEE R10 HTC (Humanitarian Technology Conference)

<https://r10htc2023.org/>



<https://www.tencon2023.org/>



## Region 10: New Initiatives since 2022



## Engaging members and being Collaborative:

- Region/Technical Societies collaboration
- Outreach to members and non-members

**IEEE Region 10 INNOVATION & FUNDING**



**MR. MURALI BUKKAPATNAM**  
CHAIRMAN & CEO OF VOLKSY TECHNOLOGIES

**DATE & TIME**  
APRIL 3, 2021  
11:00 - 12:30 PM (IST)  
5:30 - 7:00 AM (GMT)

**REGISTER@**



**10Talk**  
IN PURSUIT OF EXCELLENCE

**ABSTRACT**

**Quantum encryption - Overview, use cases and adoption**



**Ms. Saritha N. Auti**  
Cyber Security Practitioner

Register @



June 12, 2021 | SATURDAY | 4:00 pm (GMT+5.30 or IST)

**SPEAKER BIO**

Saritha N. Auti is currently working as Global CISO, US Trade and Executive Board member of Palo Alto Networks, that also worked with the Government of India as a Senior Advisor. Represented India in ISO study group, worked with ISACA, ISO, and worked with Tel Aviv University's incubation center to develop the Cyber security innovation. She has performed various roles as a senior security leader, the Corporate Information Security Officer and Cyber Security Program Architect for the business units of a global financial services organization, international security architectural design of CISO, security, secure CMO, and CISO center to create security risk, reduce threats, supply chain management, secure subscription.

**IEEE Region 10 Advancing Diversity and Inclusion in IEEE Technical Activities**



**Dolma Novak**  
Executive, IEEE Division 8  
Chair, IEEE 104 Committee on Diversity and Inclusion

**IEEE Region 10 Highlights**



**Deepak Mathur**  
Director, IEEE Region 10

**10Talk**  
IN PURSUIT OF EXCELLENCE

**Learning over Graphs**



**Prof. Ali H. Sayed**  
Dean of Engineering, EPFL, Switzerland

17th September 2022 | SATURDAY | 03:30 PM SGT (09:00 AM Geneva 12:30 PM IST, GMT+2)



**IEEE Region 10 10Talk**  
IN PURSUIT OF EXCELLENCE

**An Industry and Sensors Perspective on Patents and Creativity**



**Christina Schob**  
Director, IEEE Division VII (2021-22)  
Senior Production Consultant  
Honeywell Aerospace Division,

15th October 2022 | SATURDAY  
11:00 AM SGT (8:30 AM IST, UTC+8)



**SPEAKER BIO**

Christina Schob is a Senior Production Consultant after a 40-year career in Honeywell (Honeywells), who worked in Design, Manufacturing, and Research, with a focus on contributing to Aerospace Navigation & Control for seven years. Her experience has been in research, development, and testing of various systems in the aerospace industry. She has been a part of the Technical Staff since 2000, working on various projects in the aerospace industry. She has been a part of the Technical Staff since 2000, working on various projects in the aerospace industry. She has been a part of the Technical Staff since 2000, working on various projects in the aerospace industry.

**ABSTRACT**

This presentation considers the specific source of innovation for innovation and invention used to solve a problem in a large industry. While working in industry and device particularly for sensors. Source of innovation presented innovation with IEEE-resistant innovation and will be discussed, including those drawn from including general interest and specific knowledge. The authors in patenting those innovations, patenting, along with industry contributions and general research are addressed. Also addressed, the business model for innovation. IEEE has a role in developing and supporting various researches. However, many times the role of the IEEE in the research and development is not clear. This is a topic for discussion. IEEE has a role in developing and supporting various researches. However, many times the role of the IEEE in the research and development is not clear. This is a topic for discussion.

**IEEE Region 10 10Talk**  
IN PURSUIT OF EXCELLENCE

**Telstra's journey to 5G and what's next**



**Simon Lumb**  
Telstra Corporation Ltd  
Melbourne VIC, Australia

February 19, 2022 | SATURDAY  
1:30 PM IST or (GMT+5.30)



**SPEAKER BIO**

Simon Lumb received the BSc degree in computer systems engineering and the BSc degree in computer science from the University of Melbourne, Australia. He has 15 years' operational telecommunications experience working in 3G, 4G, and 5G technologies in operations, design, and implementation, and research and development. He is currently a Strategic Technology Lead at Telstra and represents the company as the 5G Alliance Technical Group (5G-ATG) developing Telstra's future wireless technology strategy.

**ABSTRACT**

The talk covers the journey of Telstra Australia's largest 5G network, from early test networks, deployment, and what's next. The talk will discuss what's next for 5G and what technologies they are looking on to deploy in the future.

**IEEE Region 10 10Talk**  
IN PURSUIT OF EXCELLENCE

**Use the Brain and not the Finger**



**Prof. Maloberti Franco**  
IEEE Division 8 (2021-22)  
Department of Electrical, Computer and Biomedical Engineering,  
University of Pavia, Italy

16th August 2022 | SATURDAY  
04:00 PM SGT (1:30 PM IST, GMT+3.30)



**SPEAKER BIO**

Prof. Franco Maloberti received the Laurea Degree in Physics from the University of Pavia, Italy, and the Doctorate Degree in Physics from the University of Pavia, Italy. He is a Full Professor of Physics at the University of Pavia, Italy. He is also a Visiting Professor at the University of Pavia, Italy. He is also a Visiting Professor at the University of Pavia, Italy. He is also a Visiting Professor at the University of Pavia, Italy.

**ABSTRACT**

Many people agree when I begin my research paper, there are very few books to read, and many, and one used as an inspiration, and quotation. In short, the book. After many years, powerful tools are presented in research papers. The discussion is very rich, increasingly presenting the research and the reason, replacing the brain. The research is very rich, increasingly presenting the research and the reason, replacing the brain. The research is very rich, increasingly presenting the research and the reason, replacing the brain.

**IEEE Region 10 10Talk**  
IN PURSUIT OF EXCELLENCE

**Prof. Maloberti Franco**

of is Dean of Engineering at EPFL, Switzerland, where he also leads the Adaptive Systems (AS) group. He has served before as distinguished professor and chairman of electrical engineering at UCLA. He is a member of the US National Academy of Engineering (NAE) and the Italian Academy of Sciences (IAS). He is a member of the IEEE Signal Processing Society (SPS), where he has been elected as President of the IEEE Signal Processing Society (SPS) in 2010. He has been elected as President of the IEEE Signal Processing Society (SPS) in 2010. He has been elected as President of the IEEE Signal Processing Society (SPS) in 2010.

**ABSTRACT**

Provides an overview of the field of learning over graphs. It explains how agents can learn useful information and solve interesting tasks of varying degrees of complexity through adversarial, the presentation, and illustrate how information of information, a graph, how beliefs are formed and how the graph topology helps either resist or impenetrable. Examples will be considered in the context of social learning, network optimization, machine learning, and adversarial behavior.

# <http://robocomp.ieeer10.org>



## IEEE Region 10 Robotics Competition 2023



[Home](#) [Resources](#) [Important Dates](#) [Gallery](#) [Team](#) [IEEE Collabratec Discussion](#) [Q](#)

### Advisory Committee



**Emeritus Professor Lance  
Fung**

IEEE Region 10 Director/Delegate



**Deepak Mathur**

Immediate Past IEEE Region10  
Director

### R10 Robotics Competition 2023

R10 Robotics Competition is an opportunity for all IEEE Student members and Graduate Student members in IEEE Region 10 (R10) to showcase their innovative robot projects designed for combating climate change and humanitarian challenges. It is also an opportunity for IEEE student members to compete at an international level and demonstrate their capabilities.

The theme for 2023 R10 Robotics Competition is: **Robots for Managing Climate Change For a Better World**

A robot designed to assist or deal with natural disaster, mitigate climate change threats, eliminate/reduce human sufferings or improve common person life will be considered suitable for the 2023 R10 Robotics Competition." For details please download the competition document ([here](#)).

### Stage 1

IEEE Sections will pick the best 2 teams to represent the Section in Stage 2.

In Stage 1 IEEE Sections are encouraged to organize robotics activities such as workshops and technical talks, and arrange robotics competitions and hands-on workshops for school children to inspire young people to STEM. Sections will also attempt to invite local industry leaders and Government officials to these events. These local robotics related activities should also be used as an opportunity to recruit new members and enhance IEEE visibility in the local community.



## Supported By



Product Safety Engineering Society



## Stage 2

R10 will conduct online selection process to pick the top ten teams/projects from the nominated teams by the Sections. For Stage 2, the competing team will build the physical prototype of the robot. They will also create a video presentation and a poster to illustrate technical details of the project and functionalities of the robot.

## Stage 3

At Stage 3, teams will be required to demonstrate the full functionality of the robot at a physical gathering organized by IEEE Region 10. If the physical gathering is not possible for any reason, then the final stage will be held online.



*Thank you*