



**IEEE Region 10 Annual Meeting**  
**4<sup>th</sup> March 2023, Ho Chi Minh City**

*Lance Chun Che Fung*  
*IEEE Region 10 Director 2023-2024*



1 [iee.org](http://iee.org)

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**On behalf of IEEE Asia-Pacific  
Region, we welcome all participants  
to the 2023 IEEE Region 10 Annual  
General Meeting, in person and  
online.**



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## WELCOME



- ▶ IEEE President: Saifur Rahman
- ▶ IEEE President-Elect: Tom Coughlin
- ▶ IEEE VP, MGA: Jill Gostin
- ▶ *IEEE Executive Director: Sophia Muirhead*
- ▶ IEEE R2 Director: Andrew Lowery
- ▶ *IEEE R7 Director: Rob Anderson*
- ▶ IEEE Region 8 AdHoc on IEEE S/C and National Associations: Peter Nagy
- ▶ IEEE MGA Training Committee: Mousmi Chaurasia

IEEE past President and R10 Past Directors :

- Toshio Fukuda
- Janina Mazierska
- Kukjin Chun
- Akinori Nishihara



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## Appreciations



- ▶ Mr Deepak Mathur
- ▶ Region 10 Director 2021-2022
- ▶ IEEE VP-Elect MGA 2023-2024



- ▶ Appreciation and thank you for your leadership and achievements by Region 10 during the challenging years of 2021-2022.
- ▶ Sincere thanks to Outgoing IEEE Region 10 Executive Committee members for their dedicated services and contributions towards the success of IEEE Region 10.



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**Thank you for the help offered by  
Professor Tuan Don-Hong, Chair of  
Vietnam Section, and Ho Chi Minh  
City University of Technology for  
supporting the Forum on Energy  
Interconnection in Asia-Pacific**



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**To tell a good story, you have to  
start from the beginning.....**



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## History of IEEE Vietnam Section

- ▶ The IEEE Vietnam section was formed on 14 February 2007. Prof Nguyen Thanh Son was the interim and foundation Chair for the Vietnam Section. Prof. Cao Hoang Tru who attended the 2007 R10 Meet was the representative for the Vietnam Section.



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IEEE Directors, President and Key officers from IEEE Vietnam Section: (From L. to R.): Professor Ho Tu Bao, Professor Janina Mazierska, Professor Nguyen Thanh Son, Professor Jung Uck Seo, Professor Nim Cheung, Associate Professor Tru Hoang Cao and Associate Professor Lance Fung



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IEEE REGION 10 ANNUAL MEETING (28 Feb. & 1 Mar. 2009)  
Melia Hotel, Hanoi, Vietnam



Final Agenda

28<sup>th</sup> February 2009 (Saturday)

**Thang Long Ballroom on the 7th Floor**

0800-0830	Registration and Arrivals of Delegates (Secretariat)
0830-0832	Call to Order by R10 Director (Yong Jin Park)
0832-0850	Roll Call by R10 Secretary (Kukjin Chun)
0850-0900	Review and Approval of Agenda (Yong Jin Park)
0900-0910	Welcome Address by Region 10 Director, Yong Jin Park
0910-0930	Address by IEEE President, John Vig
0930-0940	Address by IEEE Past President, Lewis Terman
0940-0950	Address by VP -MGA, Joseph Lillie
0950-1005	Address by R8 Director, Jozef Modelski
1005-1015	Address by Moshe Kam on EAB
1015-1025	Address by Roberto de Marca on TAB
1025-1027	Announcement of R10 SSVR Posters (Norman Mariun)
1027-1045	Coffee/Tea Break (Posters by R10 SSVR Awarded Sections)



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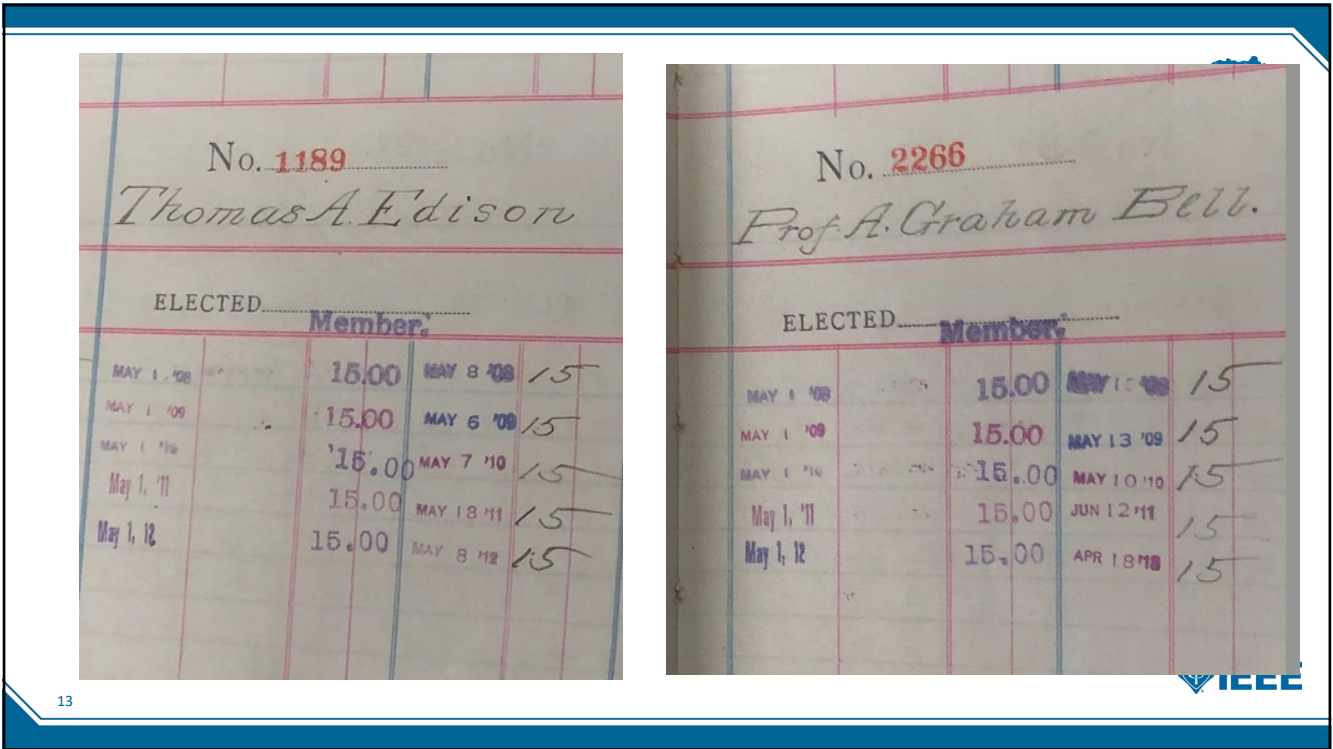


## History of IEEE and R10

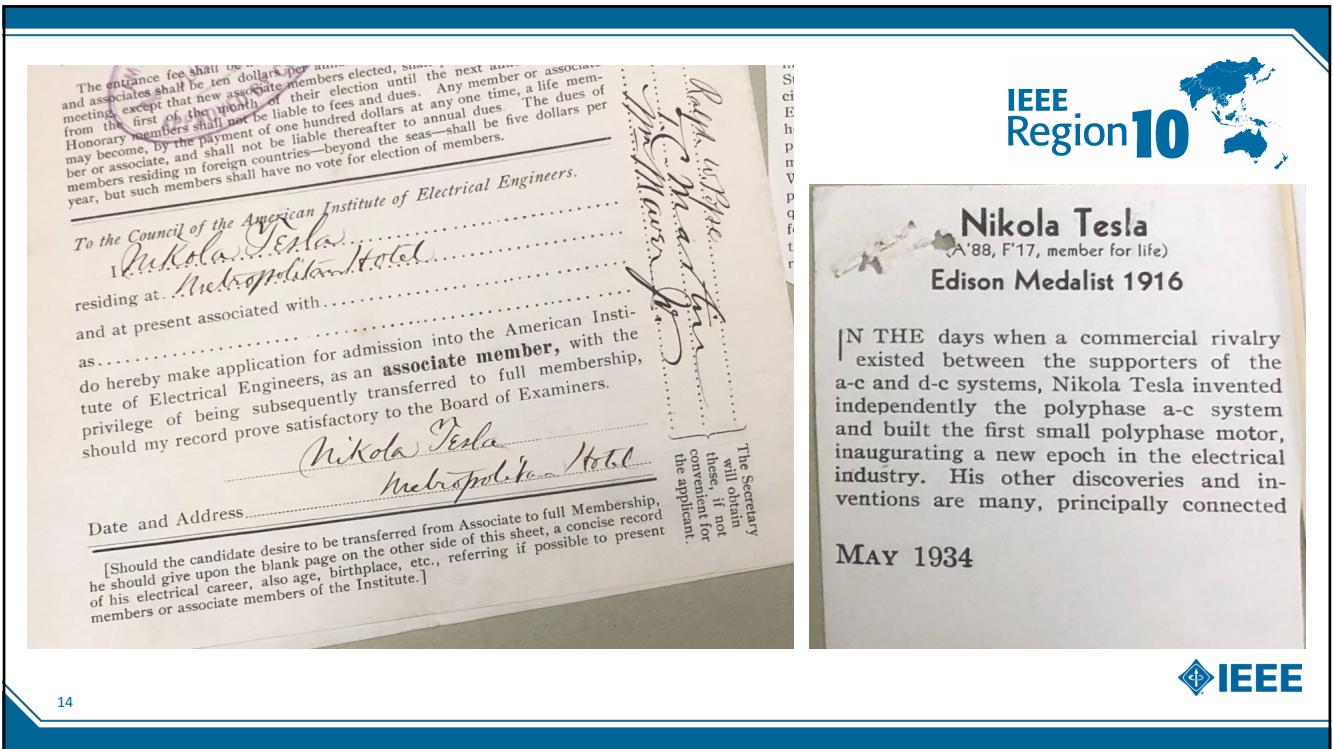


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## History of IEEE

<https://www.ieee.org/about/ieee-history.html>



- The Institute of Electrical and Electronics Engineers (IEEE) was founded on January 1, 1963, through the merger of the American Institute of Electrical Engineers (AIEE) and the Institute of Radio Engineers (IRE).
- The AIEE was founded in 1884, and its mission was to promote the knowledge of electrical engineering and the allied arts and sciences. Many came from Telegraphy, Power and Telephony industries
- The IRE was founded in 1912, and its mission was to advance the theory and practice of radio engineering and the allied arts and sciences after the work by Marconi and development of vacuum tubes.
- At its formation, IEEE had 150,000 members, 140,000 of whom resided in the United States



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## History of Region 10

<https://www.ieeer10.org/wp-content/uploads/2019/09/IEEE-R10HistoryBook08.12.2017-compressed.pdf>



- IRE had 7 Regions in the U.S.A., Region 8 was Canada, and Region 9 covers other countries.
- When IEEE was formed in January 1963, the number of Regions in the U.S.A. was reduced to 6, and Canada became Region 7. New Region 8 was formed comprising Europe, Middle East and North Africa. The rest of the world was Region 9 till 1966
- Region 9 was limited to South America and the “**rest of the world**” became Region 10 in 1967
- Southern Africa was transferred from Region 10 to Region 8 in 1981
- Region 10 was described as Asia-Pacific Region in 1981



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### R10 Director's List

Show 30 entries Search:

Section	Name	Year
1 Japan	Shigeo Shima	1967 & 1968
2 Australia	Douglas Lampard	1969 & 1970
3 Japan	Tatsuji Nomura	1971 & 1972
4 Bombay, India	F C Kohli	1973 & 1974
5 Tokyo, Japan	Hiroshi Shinkawa	1975 & 1976
6 New South Wales, Australia	James J Vasseleu	1977 & 1978
7 Hong Kong	S Y King	1979 & 1980
8 Hyderabad, India	V Prasad Kodali	1981 & 1982
9 South Australia, Australia	Harry E Green	1983 & 1984
10 Taipei	Irving Ho	1985 & 1986
11 Singapore	Ah Choy Liew	1987 & 1988
12 Madras, India	Morarji V. Chauhan	1989 & 1990
13 Seoul, Korea	Souguil J M Ann	1991 & 1992
14 Tokyo, Japan	Tsuneo Nakahara	1993 & 1994
15 Hong Kong	Paul Y S Cheung	1995 & 1996
16 Delhi, India	Harbans L Bajaj	1997 & 1998
17 Tokyo, Japan	Takuo Sugano	1999 & 2000
18 Singapore	Teck-Seng Low	2001 & 2002
19 Seoul, Korea	Jung U Seo	2003 & 2004
20 Tokyo, Japan	Seiichi Takeuchi	2005 & 2006
21 North Queensland, Australia	Janina Mazierska	2007 & 2008
22 Seoul, Korea	Yong Jin Park	2009 & 2010
23 Singapore	Lawrence, Wai-Choong Wong	2011 & 2012
24 Nagoya, Japan	Toshio Fukuda	2013 & 2014
25 Bangalore, India	Ramakrishna Kappagantu	2015 & 2016
26 Seoul, Korea	Kukjin Chun	2017 & 2018
27 Tokyo, Japan	Akinori Nishihara	2019 & 2020
28 Gujarat, India	Deepak Mathur	2021 & 2022
29 Western Australia, Australia	Chun Che (Lance) Fung	2023 & 2024

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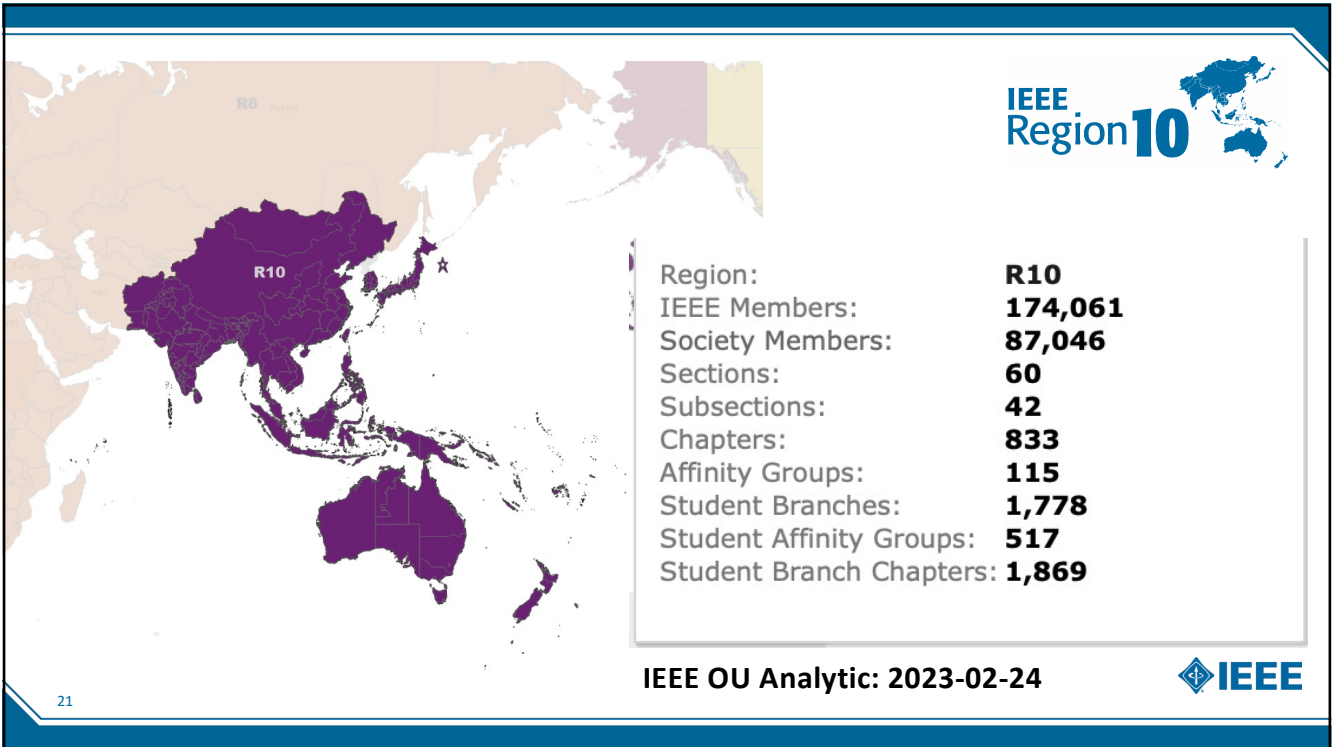


## The Latest from IEEE R10

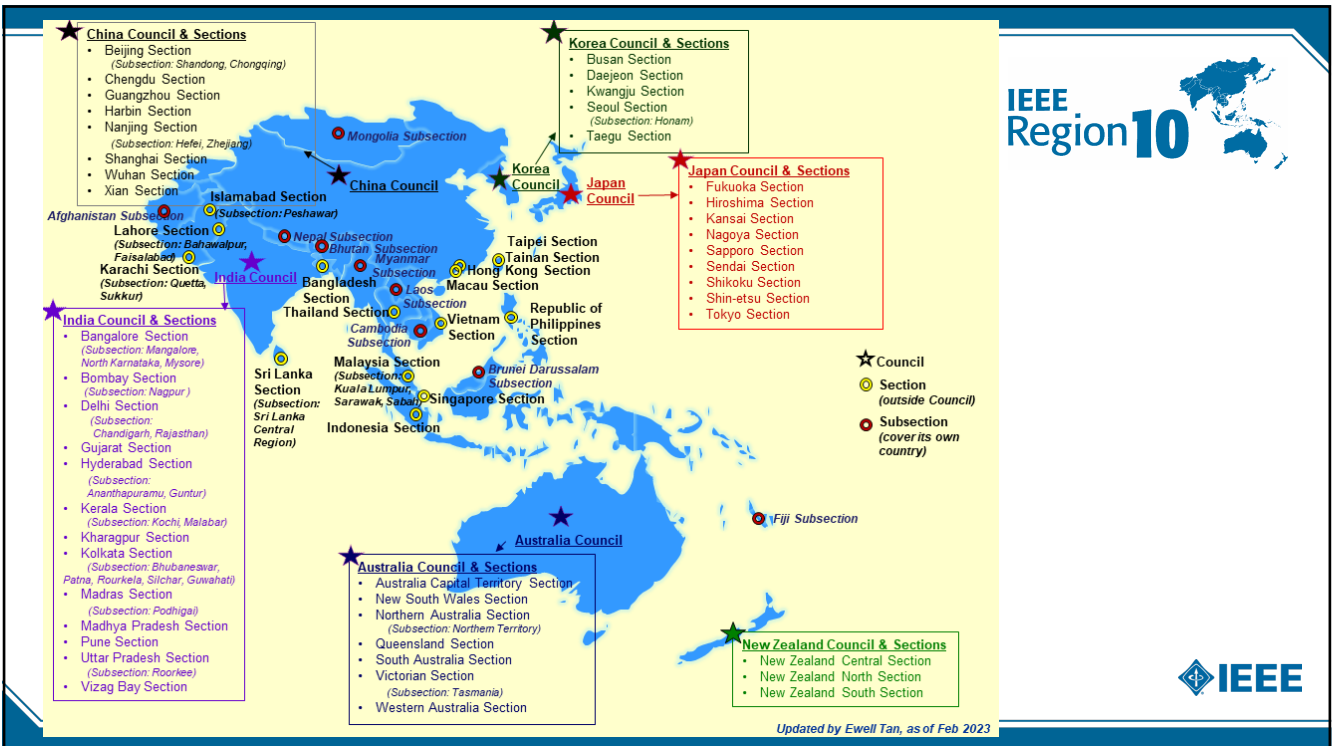


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Grade	Jan-2023	Jan-2022	#Change	%Change
HG members w/o GSM	79,540	80,958	(1,418)	-1.8%
Graduate Students	26,069	25,608	461	1.8%
Student Members	63,186	51,829	11,357	21.9%
<b>Total</b>	<b>168,795</b>	<b>158,395</b>	<b>10,400</b>	<b>6.6%</b>
WIE HG w/o GSM	2,739	2,742	(3)	-0.1%
WIE Students	34,817	28,922	5,895	20.4%
YP HG w/o GSM	26,048	25,071	977	3.9%
YP GSM w/o Students	24,519	24,040	479	2%

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Ref: IEEE MGA MD Monthly— FEBRUARY 2022



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## Top 10 Sections in R10



Kerala Section	16,014
Beijing Section	13,505
Bangalore Section	13,163
Madras Section	10,818
Hyderabad Section	9,345
Tokyo Section	7,643
Delhi Section	6,955
Nanjing Section	6,395
Uttar Pradesh Section	4,877
Bombay Section	4,662

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## 2022 Highlights



- ▶ R10 ExCom Meeting (Virtual) - 9 January 2022
- ▶ R10 Annual Meeting (Hybrid) – Hyderabad 26-27 February, 2022
- ▶ TenSymp (Hybrid) – Bombay Section 1-3 July 2022
- ▶ R10 ExCom Meeting (Hybrid) – Jeju Island 11 August, 2022
- ▶ R10 SYWL (in Person) – Jeju Island 11-14 August, 2022
- ▶ R10 Humanitarian Technology Conference (Hybrid) – Hyderabad Section 16-18 September, 2022
- ▶ TenCon (Hybrid) – Hong Kong Section 1-4 November, 2022
- ▶ R10 Robotics Competition – Bangkok Thailand - December, 2022
- ▶ R10 Talks (24 talks online)

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## 2023 and Ahead

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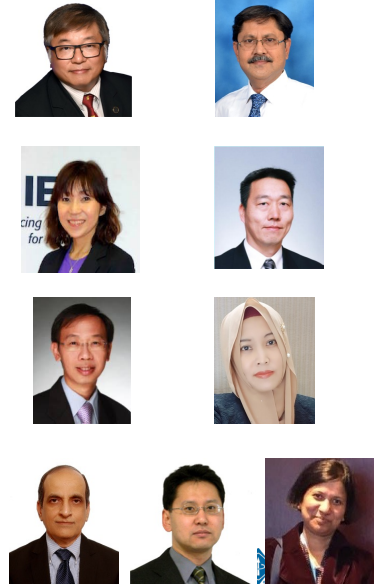


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## 2023-2024 Region 10 ExCom

### Operation Committee

- **Lance Fung (Director)**
- Deepak Mathur (Past Director)
- Takako Hashimoto (Director-Elect)
- Michael Ong (Secretary)
- Nia Kurnianingsih (Treasurer)
- Seshi Takamura (North Asia Zone Rep)
- Zia Ahmed (VC Professional Activities)
- Takao Onoye (VC Technical Activities)
- Preeti Bajaj (VC Membership Activities)



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## 2023-2024 Region 10 ExCom

### Nomination and Advisory Committee

- **Deepak Mathur(Chair)**
- Lance Fung
- Takako Hashimoto
- Toshio Fukuda
- Akinori Nishihara
- Kukjin Chun
- Janina Mazierska



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## 2023 Region 10 Executive Committee

### Technical Activities Committee

- **Takao Onoye (Chair)**
- Jong Chang Yi (Conference and Technical Seminar)
- S M Sameer (Conference Quality Management)
- Jing Dong (Awards and Recognition)
- Emi Yano (Humanitarian Technology)
- Sanjay Kar Chowdhury (Industry Relations)
- **Vijay Paul** (Information Management)

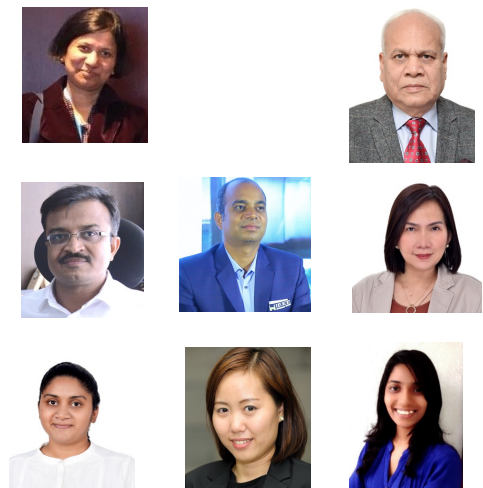


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## 2023 Region 10 Executive Committee

### Membership Activities Committee

- **Preeti Bajaj(Chair)**
- Rajendra K Asthana (Life Members)
- Rajendra Jadeja (Membership Development)
- Amit Kumar (Section and Chapter)
- Jennifer Chua Dela Cruz (Student Activities)
- Warunika Hippola (Student Representative)
- **Khanita Duangchaemkarn** (Women in Engineering)
- Saaveethya Sivakumar (Young Professionals)



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## 2023 Region 10 Executive Committee

### Professional Activities Committee

- **Zia Ahmed (Chair)**
- **Leon Chi-un Lei** (Educational Activities)
- **Daniel Eghbal** (Professional Activities)
- **Akila Wijethunge** (Newsletter)
- **Harry McDonald** (History and Individual Benefits Services)
- Takako Hashimoto (Strategic Planning and New Initiatives)



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## 2023 Region 10 Ethics Committee and AdHoc's

- **Sudeendra Koushik** (R10 Ethics Awareness and Advancement Committee)
- **Mousmi Chaurasia** (AdHoc on Volunteers Upskills and Enhancement)
- **Shaikh Fattah** (AdHoc on Climate Change)
- **Paulina Chan** (AdHoc on Philanthropy Initiatives)
- Khanita Duangchaemkarn (AdHoc on Diversity, Equity and Inclusion)
- Jong Chang Yi (AdHoc on Conference Steering and Development)



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## 2023 R10 ExCom and AdHoc Committees

- ▶ Operation Committee – 9 (3 D's, Secretary, Treasurer, North Asia Zone Representative, 3 VC's)
- ▶ Committee Chairs – 19 (18 with D-E serves on SPNIC)
- ▶ Advisory Committee – 7 (4 past Directors and past President)
- ▶ AdHoc Committees – 5 (3, as 2 are serving chairs)
  
- ▶ Total - 34



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## Diversity and Inclusion

- ▶ Gender Balance: Male 21/Female 13 (61.8% vs 38.2%)
- ▶ North and South Asia: N 11/S 23 (32.3% vs 67.7%)
- ▶ Role assignment: New / Changed / Continued
  - 12 / 11 / 11 (35.4% vs 32.3% vs 32.3%)
- ▶ Countries (13):
  - India (9), Australia (6), Japan (6), Korea (2), HK (2)
  - Sri Lanka (2), Singapore (1), Thailand (1), Indonesia (1),
  - Philippine (1), China (1), Malaysia (1), Bangladesh (1)
- ▶ Aim to include more volunteers from other countries/sections in the committees



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## 2023 IEEE Region 10 Focus

- **Members**
  - Recruitment, Retention and Rejuvenation
  - Enhance Membership Value and promote Awareness of Benefits
  - Create and Facilitate opportunities for participation and engagement
- **Volunteers**
  - Enable, Empower and Equip
  - Support, Educate and Engage
- **Leaders**
  - Serve and Lead by examples
  - Initiate Quality Programs with impacts and efficiency
  - Accountability, Ethical Behaviour and Professional performance



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## 2023 IEEE Region 10 – Key Activities

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

- Region Realignment
- Section Congress 2023
- Ethics Awareness and Advancement
- Climate Change
- Conference Quality and Development
- Volunteer Upskills and Enhancement
- Philanthropy Initiatives
- Diversity, Equity and Inclusion
- New Initiative Fund and Projects
- R10 Robotic Competition
- Increase Collaboration with Technical Societies



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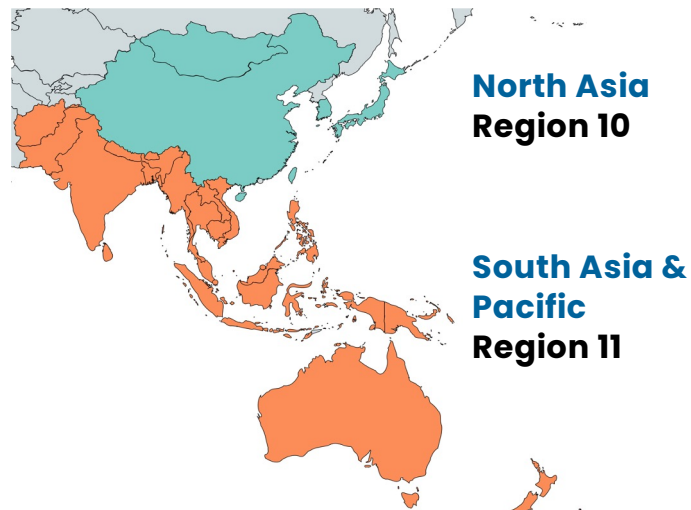
# Region Realignment

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## Our Region is all set for Realignment!



***Effective 1 January 2028***



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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>

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## Where did the R10 Directors come from?

South Asia & Pacific		North Asia	
India	6	Japan	9
Australia	5	Korea	4
Singapore	3	Hong Kong	2
		Taipei	1
<b>South Asia &amp; Pacific</b>	<b>14</b>	<b>North Asia</b>	<b>16</b>

<b>Australia</b>	1969, 1977, 1983, 2007, 2023
<b>Hong Kong</b>	1979, 1995
<b>India</b>	1973, 1981, 1989, 1997, 2015, 2021
<b>Japan</b>	1967, 1971, 1975, 1993, 1999, 2005, 2013, 2019, 2025
<b>S. Korea</b>	1991, 2003, 2009, 2017
<b>Singapore</b>	1987, 2001, 2011
<b>Taipei</b>	1985



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# 2023 R10 AdHoc Committees

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**2023 IEEE R10 Volunteer UpSkill and  
Enhancement Committee(VUEC) - Adhoc**

*Mousmi Ajay Chaurasia, Chair*  
*23 January 2023*

1 [iee.org](http://iee.org)



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### Special Call for Articles on Climate Change- IEEE R10 Newsletter - Second Edition 2023

IEEE R10 members are invited to submit

- Reports on activities related to Climate Change, and/or,
- Ideas on initiatives to address Climate Change in the Region

aligning with the objective to address IEEE's focus and direction on meeting the challenges due to Climate Change.

The articles can be submitted

via <https://newsletter.ieeer10.org/submission/> under the category **Special Article on Climate Change** with a word limit of 150 words.

Considering the importance of IEEE initiatives on climate change, IEEE R10 Director Prof. Lance Fung has formed an Ad Hoc Committee on Climate Change chaired by Dr. Shaikh Fattah with Dr. Nirmal Nair and Engr Parkash Lohana. We look forward to your valuable contribution to the Special Call on Climate Change, which is intended to report responses and activities and raise awareness within R10.



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## Call for participation from Sections and Volunteers



- **Formation of Working group on Global Energy Interconnection (GEI) and Cross Border Energy Transfer.**
- **Tasks:**
  - What can be done to encourage understanding of GEI, and collaboration with GEIDCO (Global Energy Interconnection Development and Cooperation Organisation)?
  - Initiate activities so more countries can benefit from Work of GEI and GEIDCO
  - ***Suggestions: R10 Talk, Seminars and Webinars, Workshop and Conferences.***

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## IEEE R10 Adhoc Committee on Philanthropy Initiatives

Dr Paulina Chan, Chair

### Objectives

- **Fulfill the mission and vision** of IEEE/MGA/R10 in line with motto *Advancing Technology for Humanity*
- **Raise Awareness** of IEEE heritage to recommend programmes and activities for philanthropic actions contributing towards the IEEE Foundation
- **Offer a collaboration & outreach platform** to foster cooperation among academia, technical professionals, industry, public services, students/pre-university students and the society at large
- **Generate social impact** to encourage and recognise across all IEEE member grades and external like-minded alliances in science & technology and business communities to broaden and deepen their engagement with the society
- **Coordinate and Disseminate results** across R10 and beyond as a framework to initiate and embrace the changing needs
- **Obtain internal and external leadership buy-in and committed resources for sustainable growth**

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## An Overview of the IEEE Foundation



**First Region 10 LMAG Meet**  
**February 26, 2023 11 AM (IST)**  
*Lance Chun Che Fung, IEEE Region 10 Director*





47 [ieee.org](http://ieee.org)

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## R10 Flagship Conference Steering Committee AdHoc Committee 2022-2023

**R10 Conference Management**  
 IEEE R10 Conference and Technical Seminar Committee Chair – Takao Onoye/Jong Chang Yi  
 IEEE R10 Conference Quality and Management Committee Chair – Michael Ong/Sameer S M



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# Flagship events and Special projects



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## 2023 R10 Flagship Events

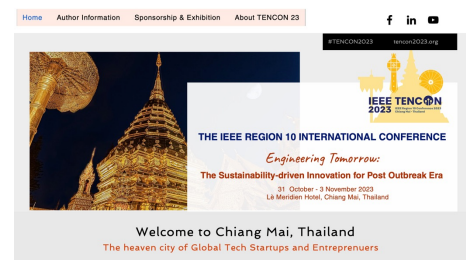


<https://tensymp2023.org/>



About IEEE R10 HTC (Humanitarian Technology Conference)

<https://r10htc2023.org/>



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



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**Region 10: New Initiatives since 2022**



**Engaging members and being Collaborative:**

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



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**Region 10: New Initiatives**

**Region 10 Robotics Competition 2022**

Venue: **Chulalongkorn University, Bangkok**

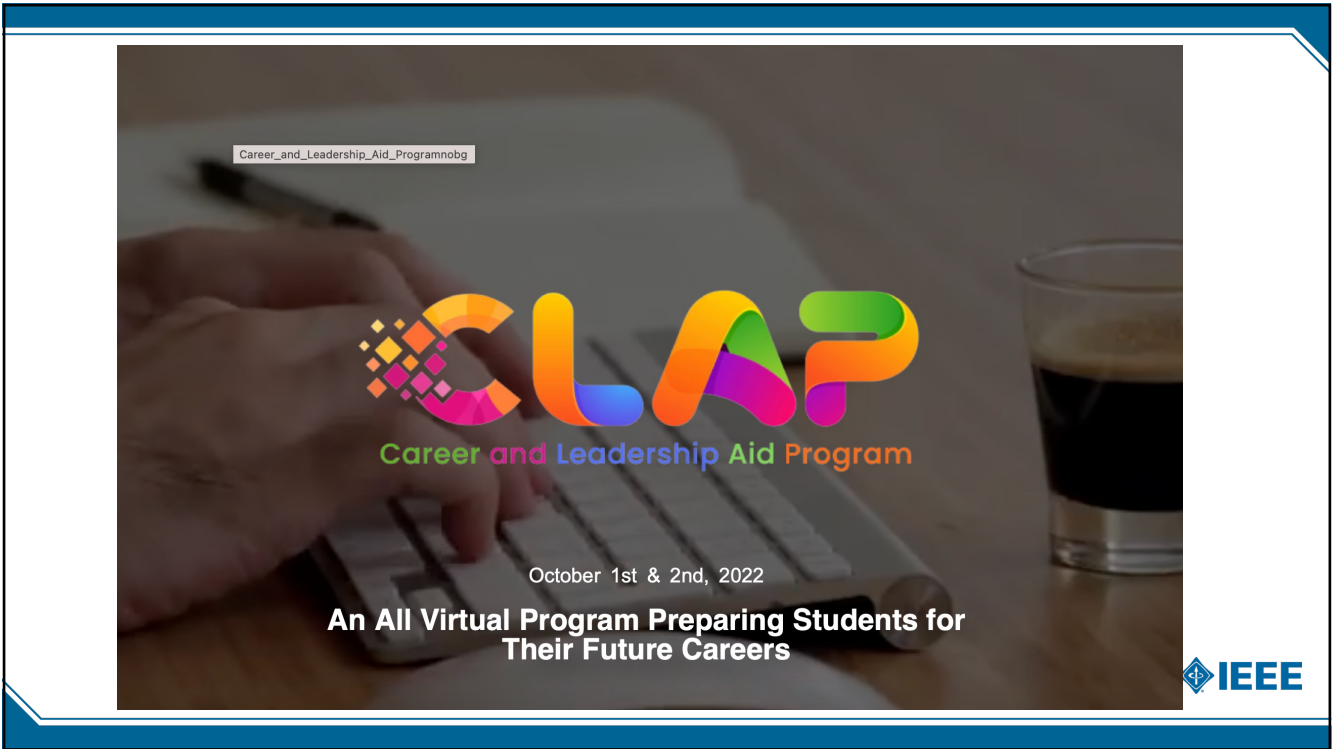



**Innovative Robots Development for Healthcare and Humanitarian Applications**



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## Why are we here today?

- ▶ We have a shared commitment to the future of humanity through our involvement and volunteering services in IEEE
- ▶ We will manage activities, coordinate the efforts of section leaders, develop and implement strategies for increasing membership and improving member engagement
- ▶ We aim to **Inspire, Enable, Empower and Engage** members of IEEE
- ▶ **WE WILL MAKE A DIFFERENCE!**



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**We will make IEEE, Region 10,  
10 out of 10,**

**and to further**

**IEEE Mission and Vision**

*Thank you*



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