MGA and Standards in One IEEE

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About me

Professor of Electronics Engineering, University of Seville, Spain

- Founded in 1505. 65,000 students in total, 5,000 in engineering

- Honorary Professor, Obuda University, Hungary

- Visiting Professor, Harbin Institute of technology, China

- Invited teacher and researcher at Auburn University (AL, USA), Swiss Federal Institute of Technology Lausanne (Switzerland), TEC Monterrey (Mexico), Jade University (Germany), TU Delft (Netherlands).

IEEE Vice President MGA, 2025

- Region 8 Director, 2021-2022

- IEEE Committees: Governance, Conferences, Audit, European Public Policy, Humanitarian Technologies Board

- MGA Committees: MRRC, MELCC, YP, ITCO, ARC, OMCC

- Vice President IEEE Industrial Electronics Society

- Conference General Chair, Transactions Editor, TAB/PSPB PSC, HKN

Our mission

At IEEE

We foster technological innovation and excellence for the benefit of humanity
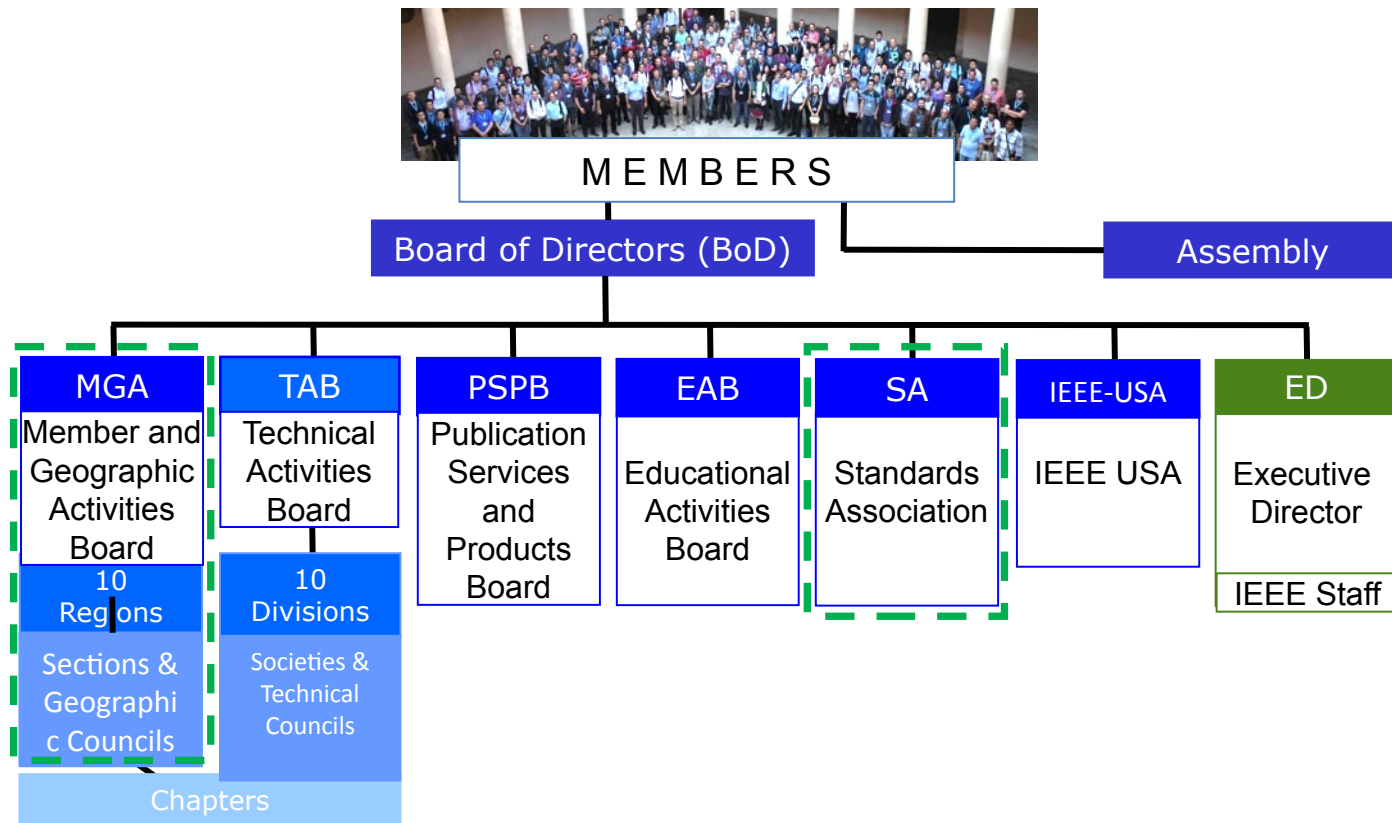
At MGA

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

Because (guiding principles)

- Membership is a core value of IEEE
- Members individually and collectively create IEEE's future
- IEEE enhances members' future
- Volunteer engagement is a key component of IEEE's success

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IEEE simplified structure

M E M B E R S

Board of Directors (BoD)

Assembly

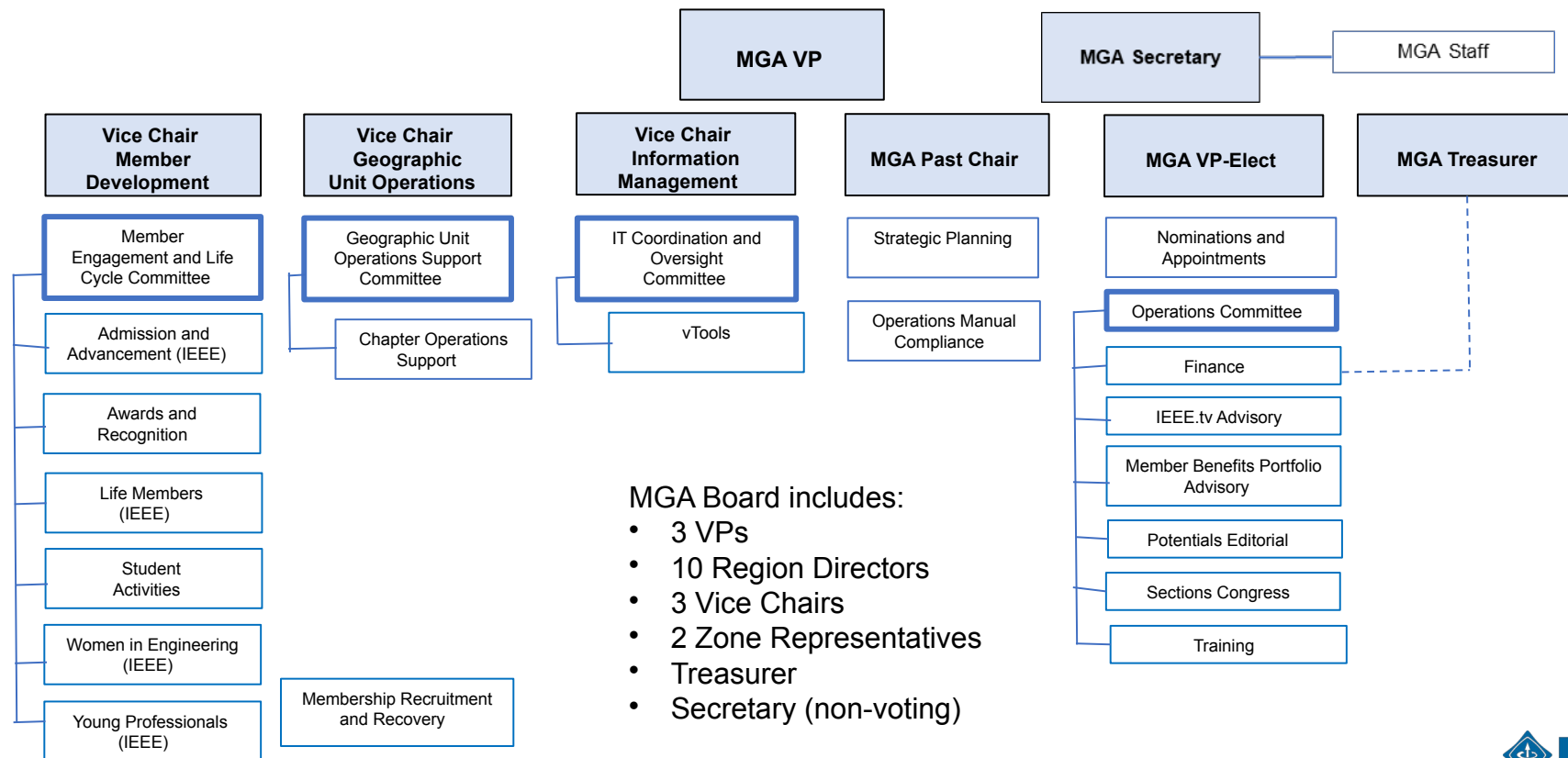| MGA	TAB	PSPB	EAB	SA	IEEE-USA	ED
Member and Geographic Activities Board	Technical Activities Board	Publication Services and Products Board	Educational Activities Board	Standards Association	IEEE USA	Executive Director
10 Regions	10 Divisions					IEEE Staff
Sections & Geographic Councils	Societies & Technical Councils					
Chapters						

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Region realignment

IEEE Regional World Map

Regional map effective 1 January 2028

MGA structure and committees

MGA VP

MGA Secretary — MGA Staff

Vice Chair Member Development	Vice Chair Geographic Unit Operations	Vice Chair Information Management	MGA Past Chair	MGA VP-Elect	MGA Treasurer

Vice Chair Member Development
- Member Engagement and Life Cycle Committee
- Admission and Advancement (IEEE)
- Awards and Recognition
- Life Members (IEEE)
- Student Activities
- Women in Engineering (IEEE)
- Young Professionals (IEEE)

Vice Chair Geographic Unit Operations
- Geographic Unit Operations Support Committee
- Chapter Operations Support
- Membership Recruitment and Recovery

Vice Chair Information Management
- IT Coordination and Oversight Committee
- vTools

MGA Past Chair
- Strategic Planning
- Operations Manual Compliance

MGA VP-Elect
- Nominations and Appointments
- Operations Committee
- Finance
- IEEE.tv Advisory
- Member Benefits Portfolio Advisory
- Potentials Editorial
- Sections Congress
- Training

MGA Board includes:
- 3 VPs
- 10 Region Directors
- 3 Vice Chairs
- 2 Zone Representatives
- Treasurer
- Secretary (non-voting)

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Activities in MGA and Regions

- Membership
  - MELCC, A&A, ARC, Life Members, Students, WIE, YPs, Member Recruitment and Recovery

- Geographic Activities
  - Geo Unit Operations, Chapter Operations, Sections Congress

- Information Management
  - IT Coordination & Oversight, vTools

- Operations
  - Training, N&A, Member Benefits, Finance

A Year in MGA
- ▶ Many moving parts – ~500K members, 13K+ geounits, global reach, local touch drives the need for connections and communications
- ▶ IEEE scope and size drives the need for increased visibility into local operations – assets, compliance
- ▶ 2025-2030 IEEE strategy focused on One IEEE

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MGA and Standards

MGA and SA in One IEEE

MGA and SA are already partnering in many major IEEE initiatives:

- **Technology for a Sustainable Climate MO (major OUs are MGA, TA, SA)**
- **Global Policy Caucus (MB appoint one member each, Regions 7, 8, 9, 10 appoint one member each)**
- **Cross-appointments between MGA Board and SA Board of Governors (informal)**
- **Future Directions Committee (MGA, SA appoint one member each)**
- **AgeTech initiative**
- **Humanitarian Technologies Board (MGA, SA appoint one member each)**

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MGA and SA in One IEEE

MGA can support Standard activiies:

- **Vast network of volunteers on the ground in Sections, Chapters, Affinity Groups, Student Branches**
- **Local reach in Regions 7-10, where IEEE Standards are not always widely adopted**
- **Programs for engaging students that can be used to leverage knowledge on standards**
- **Local Groups as a flexible tool to support local activities all over IEEE**

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Local Groups

- A flexible and agile method to start, create, engage
  - Not a GeoUnit
- Only two (2) IEEE members needed to start it
- Technical and Non-technical interests
- **Non IEEE members can participate**
- Easy to discover, explore and track new trends
- Opens a new channel for engagement
- Strengthen and recognize industry/academic/government collaboration
- Focus on Local Interests but also connect with worldwide similar groups
- Ability to partner with local organizations
  - A new local interest
  - A company-industry group or campus
  - A local specialized need

As of June 2025:

135 Local Groups approved, more in line

- 57 Blockchain
- 9 Climate Change
- 3 Entrepreneurship
- 7 Quantum Computing
- 4 Cyber Security
- 3 Industry
- 3 AI

Should we consider Local Groups on Standards? On IEEE 802?

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CALL FOR 2026
Nominations
IEEE Member and Geographic Activities

IEEE MGA Committee Member Positions

Submit by 1 August 2025