

# IEEE – Advancing Technology for Humanity

*Jim Jefferies, 2019 IEEE Past President*

*IEEE Region 8 Meeting*

*Valencia, Spain*

*12 October 2019*



# The Fuel of IEEE

## *Who we are*

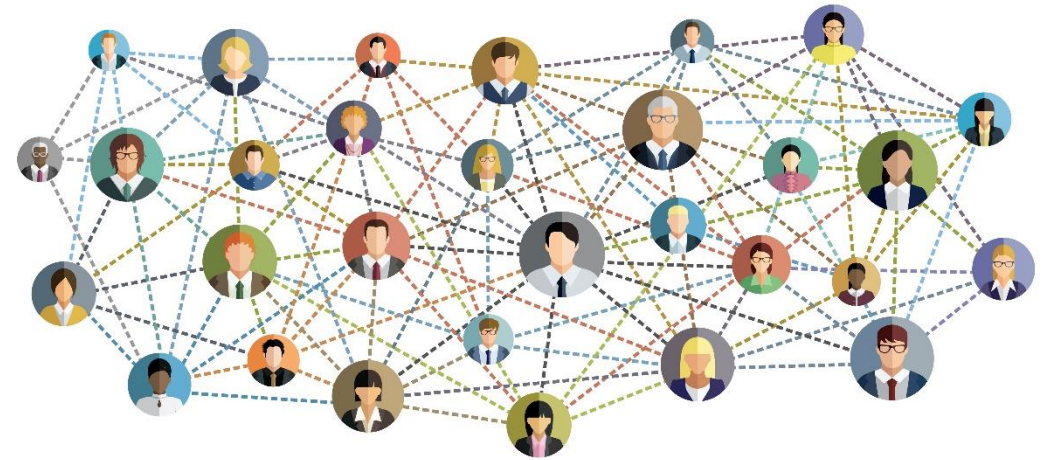
- ▶ Forward-thinking technology professionals coming together ...
  - to discover the next technological innovation,
  - to develop international standards,
  - to form communities,
  - to share research and educate,
  - in the spirit of collaboration.



# Engaging Technical Experts from around the World

*IEEE's global network provides unique opportunities*

- ▶ Connect with technical experts shaping cutting-edge research
- ▶ Convene with global thought leaders to better understand emerging trends, policy issues, and partnership opportunities
- ▶ Shape technical standards with international reach
- ▶ Recruit and grow top technical talent





# The Role of IEEE

*As a technical professional association in society*

- ▶ Applying our knowledge
- ▶ Projecting our voice
- ▶ Building our envisioned future



# Board of Directors: 2019 IEEE Strategic Agenda

*Adopted as a \*living document\* by the IEEE Board of Directors on 21 January 2019*

	JANUARY	FEBRUARY	JUNE	NOVEMBER
<b>2019 RETREAT TOPIC</b> <i>Goal: Technically vital forums &amp; Expand communities</i> <i>Initiative: Vitality of our core activities</i>	<ul style="list-style-type: none"> <li>Strategic Retreat on Diversity &amp; Inclusion, Future of Membership, Financial Transparency, New Business Opportunities</li> </ul>	<ul style="list-style-type: none"> <li>Retreat Outcomes</li> </ul>	<ul style="list-style-type: none"> <li>Update</li> </ul>	<ul style="list-style-type: none"> <li>Share final 2019 Recommendations</li> </ul>
<b>FINANCIAL PLANNING</b> <i>Initiative: Sustainability of IEEE</i>		<ul style="list-style-type: none"> <li>Budget Guidelines</li> </ul>	<ul style="list-style-type: none"> <li>2020 Budget Update</li> </ul>	<ul style="list-style-type: none"> <li>2020 Budget Approval</li> </ul>
<b>2020-2025 IEEE STRATEGIC PLAN REFRESH</b> <i>Mission: Foster technological innovation and excellence for the benefit for humanity</i>	<ul style="list-style-type: none"> <li>Kick-off</li> </ul>	<ul style="list-style-type: none"> <li>Strategic Planning</li> </ul>	<ul style="list-style-type: none"> <li>Strategy Session with BoD</li> </ul>	<ul style="list-style-type: none"> <li>Final Recommendation</li> </ul>
<b>IEEE FRAMEWORK</b> <i>Goal: Expand communities &amp; Technically vital forums</i> <i>Initiative: Sustainability of IEEE</i>		<ul style="list-style-type: none"> <li>Regional Structure</li> </ul>	<ul style="list-style-type: none"> <li>Africa Strategy</li> <li>Governance Organization and Operations</li> </ul>	<ul style="list-style-type: none"> <li>Humanitarian/Social Good/Public Imperatives</li> </ul>
<b>REVIEW PLANS FOR MAJOR INITIATIVES</b> <i>Initiative: Vitality of our core activities</i>		<ul style="list-style-type: none"> <li>New Initiatives Committee</li> <li>Young Professionals</li> <li>Public Policy</li> </ul>	<ul style="list-style-type: none"> <li>Open Access</li> <li>Conference Finance Management</li> <li>Entrepreneurship</li> </ul>	<ul style="list-style-type: none"> <li>Industry Engagement</li> </ul>
<b>MERGERS, PARTNERSHIPS, COLLABORATIVE OPPORTUNITIES</b> <i>Goal: Expand communities</i> <i>Initiative: Sustainability of IEEE</i>	<ul style="list-style-type: none"> <li>GlobalSpec</li> </ul>	<ul style="list-style-type: none"> <li>GlobalSpec</li> <li>IEEE Foundation</li> </ul>		

# 2019 IEEE Ad Hoc Committees

*Foster continuity in IEEE's strategic direction*

- ▶ IEEE Ad Hoc Committee on Activities on Contracting
- ▶ IEEE Ad Hoc Committee on Diversity, Inclusion, and Professional Ethics
- ▶ IEEE Ad Hoc Committee on Transparency in Meetings, Document Classification, and Elections
- ▶ IEEE Ad Hoc Committee on New Membership Models and Opportunities
- ▶ IEEE Ad Hoc Committee on Publications Strategy



# IEEE Strategic Plan Refresh

*Collaborative efforts underway on update*

- ▶ Current 5-year strategic plan spans 2015-2020
- ▶ A vital part of the ongoing evolution of IEEE
  - The goals our community is pursuing
  - The initiatives that will move IEEE forward in the coming years
- ▶ Working on 2020-2025 refresh
  - Volunteer input
  - Membership feedback
  - Cross-organizational alignment



[www.ieee.org/strategic-plan](http://www.ieee.org/strategic-plan)

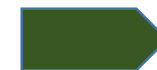
# IEEE Strategic Plan Refresh

*2019 Ongoing effort*

## I. Stakeholder Input



## II. Plan Refresh



## III. Roll-out

### February-April

- ▶ Update to the IEEE BoD
- ▶ Committee launch and preliminary work
- ▶ Partner with firm on Strategy

### May-June

- ▶ Survey and Focus Groups launched
- ▶ Update to the IEEE BoD at May telecon
- ▶ Session with the IEEE BoD in June facilitated by E&Y

### July-August

- ▶ Engagement with stakeholders
- ▶ Refinement of work

### September

- ▶ Continued work on refresh
- ▶ Update to the IEEE BoD at telecon 26 Sept

### November & Beyond

- ▶ 2020-2025 recommendation to the Board for approval at Nov meeting
- ▶ If approved, roll-out including communication with all levels



# IEEE Strategic Plan Refresh

*Objective: Update the 2015 Strategic Plan to help guide IEEE priorities through 2025*

- ▶ Five new goals and one overarching statement crafted from input received in member and non-member survey, focus groups, and session with the Board in June
- ▶ Strategy and Alignment committee members are sharing with select OU groups and providing high-level feedback
- ▶ Final recommendation will be brought to the Board for approval at the November meeting



# Diversity at IEEE

*We are a global organization*

- ▶ Gender
- ▶ Geography
- ▶ Work sectors
- ▶ Ethnicity and race
- ▶ Age



# Inclusion at IEEE

*Receiving the full benefits of membership*

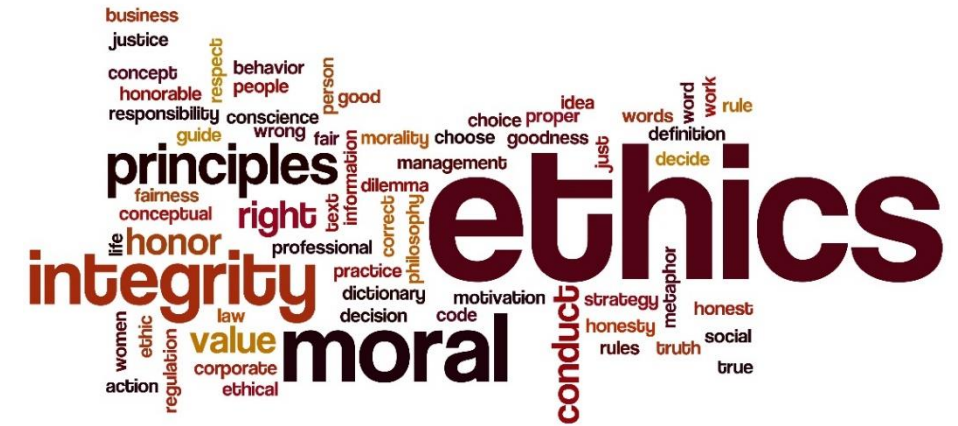
- ▶ Leadership roles
- ▶ Committee involvement
- ▶ Publishing opportunities
- ▶ Conference participation
- ▶ Award recognition
- ▶ Critical for member and volunteer recruitment, retention, and engagement



# IEEE's Role in Promoting Professional Ethics

*An organization's ethics speaks to its diversity and inclusion*

- ▶ IEEE is ahead of many professional societies in having codes of ethics and conduct
- ▶ Few members are aware of codes, how to uphold them, or the implications for violation
- ▶ Need to create a culture and associated education programs raising awareness





# Why are Diversity and Inclusion Important for IEEE?

- ▶ Diverse organizations are more creative, perform better, and have higher satisfaction rates
- ▶ Attracting, retaining, and engaging diverse members is essential for the IEEE to thrive
- ▶ IEEE can help guide the profession, which struggles to attract/retain diverse employees
- ▶ IEEE can make things better for the next generation of technologists



# The Value of IEEE Membership

- ▶ **Engage** with IEEE's activities and initiatives
- ▶ **Inspire** participation from fellow colleagues
- ▶ **Celebrate** our achievements and all that IEEE does for the benefit of humanity



# The Magic of IEEE Members

*Our people are the basis of our success*

- ▶ Our members create so much of the value in IEEE
  - Volunteer their time
  - Guide our direction
  - Organize conferences
  - Write and edit journals
  - Support public policy visits
  - Participate in Standards working groups



# IEEE Volunteer Opportunities

*You can impact the future success of the organization*

- ▶ Advance your knowledge in all aspects of and the sciences
- ▶ Help guide the evolution of your field
- ▶ Network with others from around the world
- ▶ Hone product and project management
- ▶ Gain confidence and develop presentation skills





# Thank you to all volunteers for what you do day in and day out.

