

IEEE Women in Engineering (WIE)

For 2020 IEEE WIE ILS



Connect. Support. Inspire.



About IEEE Women in Engineering

IEEE Women in Engineering (WIE) is a global network of IEEE members and volunteers dedicated to promoting women in STEM, and inspiring girls around the world to follow their academic interests in a career in STEM.

Our Mission: The mission of IEEE WIE is to facilitate the recruitment and retention of women in technical disciplines globally.



IEEE WIE has...

As of September 2020

- ▶ **20,000+** members in more than **100** countries
 - **8,524** Higher Grade members
 - **11,634** Student members
- ▶ **900+** Affinity Groups and Student Branch Affinity Groups
 - **201** Section Affinity Groups & **747** Student Branch Affinity Groups
- ▶ **50+** WIE Committee volunteers driving global activities
- ▶ **2800+** Virtual Conference attendees
- ▶ **10** Summits on **5** continents
- ▶ **4** Annual IEEE WIE awards
- ▶ The award-winning *IEEE WIE Magazine*...and much more!



Why IEEE WIE Membership?

<http://wie.ieee.org/membership>

- ▶ Networking opportunities at forums, receptions, and conferences
- ▶ Discounted registration to the annual IEEE WIE International Leadership Conference (WIE ILC), WIE Summits, and other WIE events
- ▶ Subscription to award-winning *IEEE Women in Engineering Magazine*
- ▶ Opportunity to get involved locally - join an IEEE WIE Affinity Group
- ▶ Access to bi-monthly WIE newsletter
- ▶ Access to online WIE Membership Directory in IEEE Collabratec™
- ▶ Volunteer opportunities
- ▶ Eligibility for IEEE WIE awards, scholarships, and travel grants
- ▶ Tuition benefit opportunities, in partnership with several leading graduate universities
- ▶ Member Grade advancement support, and much more!

"Being an active member of IEEE WIE is a great opportunity for personal growth, for international networking, for getting inspired, and for promoting your vision and ideas."

– Laura Margheri, IEEE WIE Member



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Recognition for Members and Affinity Groups

- ▶ IEEE WIE awards recognize WIE members and WIE Affinity Groups who have made outstanding **contributions to WIE, their community, and the engineering community** through their **dedication and involvement** in projects or activities directed toward fulfilling the IEEE WIE goals and objectives.
- ▶ View WIE Award Winners - <https://wie.ieee.org/ieee-wie-awards-program/>



Yoot Khuan Lee
Region 10 - Malaysia
WIE Inspiring Member



Indhumati Gunasekaran
Region 10 - India
WIE Inspiring Student Member



WIE Ottawa AG
Region 7 – Canada
WIE Affinity Group of the Year



Universidade Federal de Campina Grande SBAG
Region 9 - Brazil
WIE Student Branch AG of the Year

IEEE WIE Member & Affinity Group Support

► Travel Grant program

- Support in the form of grants for IEEE WIE members to attend and present at IEEE sponsored conferences or IEEE WIE sponsored events.

<https://wie.ieee.org/grantsandscholarships/>

► Initial & Special Funding

- IEEE WIE encourages the development of local activities that add professional value to IEEE WIE members and are aligned with our mission.
- Sample activities include: IEEE WIE workshops, IEEE WIE panel sessions at IEEE Society conferences, joint IEEE WIE/Young Professionals activities, etc.

<https://wie.ieee.org/funding/>

► Promotional Items

- Requests for WIE promotional items at events bring visibility to the WIE program

<https://wie.ieee.org/wie-promotional-material-request-form/>



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WIE Summits

- ▶ WIE International Leadership Summits (ILS) provide regional opportunities to foster networking, collaboration, and volunteer leadership development
- ▶ Past themes include: “*Inspire to Lead Change in Engineering*”, “*Disrupt – Breaking the Barriers of Thought*”, “*Empower, Aspire to Inspire*”, etc.
- ▶ View [2020 WIE ILS locations](#)
- ▶ **Update:** Most WIE Summits are shifting to virtual platforms in 2020. Please visit the [WIE ILS](#) page for updates.



2020 IEEE WIE International Leadership Conference (ILC) Virtual Series

▶ 7th Annual IEEE WIE ILC

- Due to the impacts of the COVID-19 pandemic, the in-person event was transformed into a four-week virtual series in June 2020.
- **Updated Theme: Leading Through Change**
- **Free** to all (IEEE members and non-members)

▶ WIE ILC Highlights Include:

- **2800+** Registrants; **95** Countries; **23** Speakers
- **10** Live Sessions; **12** On-demand Videos; **3** Sponsored Networking (Empower Hour) Sessions
- Private screening of the award-winning *Pioneers in Skirts* documentary film
- **Sponsors:** Cirrus Logic, Google, Mercer, Qualcomm, IEEE WIE
- Lead volunteers: Kathy Herring Hayashi, Chair, IEEE WIE ILC 2020; Dr. Heather Quinn, Vice Chair, IEEE WIE ILC 2020



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ILC 2020

IEEE WOMEN IN ENGINEERING
INTERNATIONAL LEADERSHIP CONFERENCE



<http://ieee-wie-ilc.org>



Women in Engineering Committee



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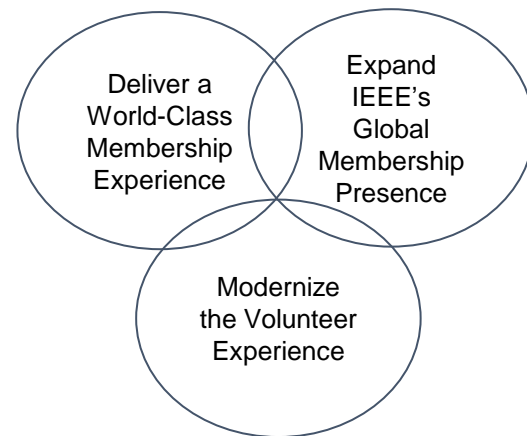


MGA Mission, Vision, and Goals

IEEE Member and Geographic Activities (MGA)

- **Mission:** Inspire, Enable, Empower and Engage Members of IEEE. For the purposes of:
 - Fulfilling the mission of IEEE
 - Enhancing the members growth and development through their life cycle
 - Providing a professional home
- **Vision:** Ensure quality member opportunities for continuous engagement.
- MGA is focused on supporting and meeting the members' needs and IEEE membership recruitment and retention strategies and implementation
 - IEEE local geographic organizational units (Sections, Chapters, Affinity Groups, and Student Branches) provide unique opportunities for members to attend technical presentations, create strong peer-to-peer connections, and participate in leadership opportunities that can make a positive distinction in IEEE members' jobs and careers.

Goals



2020 WIE Committee (WIEC) - Voting Members

- ▶ Lisa Lazareck-Asunta (R8) - Chair
- ▶ Bozenna Pasik-Duncan (R5) - Past Chair
- ▶ Jenifer Castillo Rodriguez (R9)
- ▶ Liang Downey (R4)
- ▶ Preeti Kovvali (R8)
- ▶ Salima Kaissi (R6) - Young Professionals
- ▶ Madeline Glick (R1) - Technical Activities
- ▶ Mini Ulanat (R10) - Affinity Group (AG)
- ▶ Saraf Mahnaz (R10) - Student Branch AG



View the [2020 WIEC Roster](#)

2020 WIEC - Region Coordinators

- ▶ Region 1: Charlotte Blair
- ▶ Region 2: Carole Carey
- ▶ Region 3: Amanda Sahlstrom
- ▶ Region 4: Liang Downey
- ▶ Region 5: Theresa Odun-Ayo
- ▶ Region 6: Heather Quinn
- ▶ Region 7: Manar Jammal
- ▶ Region 8: Ana Cigaran Romero
- ▶ Region 9: Rosa Mejia
- ▶ Region 10: Emi Yano Tanahashi



2020 WIEC - Society Liaisons

- ▶ Aerospace and Electronics Systems Society: Kathleen Kramer
- ▶ Antennas and Propagation Society: TBD
- ▶ Biometrics Council: TBD
- ▶ Broadcast Technology Society: Samina Husain
- ▶ Circuits and Systems Society: Sara Ghoreishizadeh
- ▶ Communications Society: TBD
- ▶ Computational Intelligence Society: Keeley Crockett
- ▶ Computer Society: TBD
- ▶ Control Systems Society: Martha Grover
- ▶ Council on Electron Design Automation: Shao-Yun Fang
- ▶ Council on RFID: TBD
- ▶ Council on Superconductivity: Kathleen Amm
- ▶ Dielectrics and Electrical Insulation Society: Azam Nekahi
- ▶ Education: TBD
- ▶ Electromagnetic Compatibility Society: TBD



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2020 WIEC - Society Liaisons (cont.)

- ▶ Electron Devices Society: Angele Reinders
- ▶ Electronics Packaging Society: Tanja Braun
- ▶ Engineering in Medicine and Biology Society: TBD
- ▶ Geoscience and Remote Sensing Society: TBD
- ▶ Industrial Electronics Society: TBD
- ▶ Industry Applications Society: Norma Anglani
- ▶ Information Theory Society: Tara Javidi
- ▶ Instrumentation and Measurement Society: Ferdinanda Ponci
- ▶ Intelligent Transportation Systems Society: TBD
- ▶ Magnetics Society: TBD
- ▶ Microwave Theory and Techniques Society: Wenquan (Cherry) Che
- ▶ Nanotechnology Council: TBD
- ▶ Nuclear and Plasma Sciences Society: Cinzia Da Via
- ▶ Oceanic Engineering Society: TBD

2020 WIEC - Society Liaisons (cont.)

- ▶ Photonics Society: TBD
- ▶ Power & Energy Society: TBD
- ▶ Power Electronics Society: Katherine Kim
- ▶ Product Safety Engineering Society: TBD
- ▶ Professional Communication Society: Nancy Barr
- ▶ Reliability Society: TBD
- ▶ Robotics and Automation: Lydia Tapia
- ▶ Sensors Council: TBD
- ▶ Signal Processing Society: Sally Wood
- ▶ Society on Social Implications of Technology: TBD
- ▶ Solid-State Circuits Society: Alison Burdett
- ▶ Systems Council: Stephanie White
- ▶ Systems, Man & Cybernetics Society: Ying (Gina) Tang
- ▶ Technology and Engineering Management Society: TBD
- ▶ Ultrasonics, Ferroelectrics, and Frequency Control Society: TBD
- ▶ Vehicular Technology Society: Carmela Cozzo



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WIE Communications



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WIE Brand Experience

IEEE Women in Engineering (WIE) Visual Identity Toolkit



- ▶ Maximize the ability for IEEE WIE brand to effectively reach all audiences
- ▶ Maintain a consistent “look” and “theme”
- ▶ Allow all IEEE WIE communication to reinforce the identity and support the messaging.
- ▶ Website: <http://bit.ly/2OStMXJ>



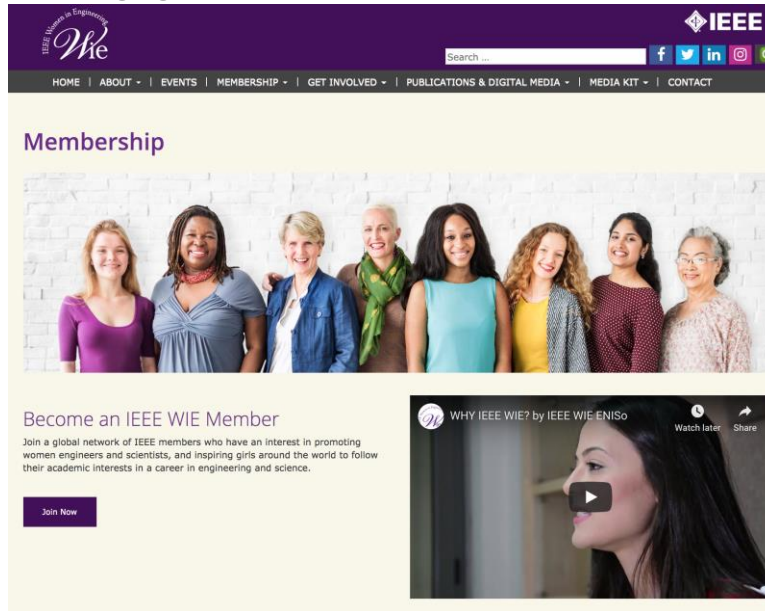
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IEEE WIE Website

wie.ieee.org

- ▶ IEEE WIE website creates program awareness and encourages member engagement.



[Download](#) WIE 2019 Infographic

WIE Magazine

Winner of 2008, and 2010-2019 APEX® Awards



- ▶ *IEEE Women in Engineering Magazine* includes profiles of women with successful careers in science, technology, engineering, and mathematics, as well as coverage of educational programs that attract young women to those disciplines.
- ▶ Editor-in-Chief: Dr. Karen Panetta
- ▶ Recipient of 2020 awards:
 - *IEEE Women in Engineering Magazine*, June 2019 issue, is a winner in the 2019 American Graphic Design Awards™ competition, in the publication design category.
- ▶ Magazine Website launched December 2019

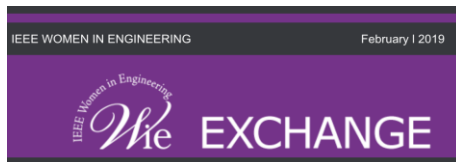
Visit: <https://wiemagazine.ieee.org/>



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IEEE WIE Newsletter



IEEE WIE PROFESSIONAL DEVELOPMENT WEBINARS Now Available to Watch On-Demand

IEEE WIE launched two professional development webinars in December to guide, educate, and inspire you.



4 December 2019 - "Cultivating the Art of Persistence", presented by Monique Morrow, President and co-founder of the Humanized Internet and President of the VETRI Foundation.



12 December 2019 - "Advice I Would Give My Younger Self", presented by Karen Bartleson, 2017 President and CEO of IEEE.

IEEE WIE MEMBER PROFILE

Meet Shweta Behere, IEEE WIE Member



SHWETA BEHERE

"I feel it is extremely important for women to enter the field of engineering and even more for women to stay and thrive in this field. Bringing in more women in technology will not only bring diversity, but it brings in a whole new perspective to the industry".
[Read more.](#)

[Submit](#) your profile for a chance to be featured in the newsletter.

2019 IEEE WIE INTERNATIONAL LEADERSHIP SUMMITS

IEEE WIE (ILS) Highlights



Submit content to:

wie-newsletter@ieee.org

Submit your member [profile](#).

IEEE WIE on IEEE.tv

IEEE.tv

SOON COMING SOON LIVE 11 Feb, 10:00am EST IEEE GRSS Webinar - GeoAI: Applying Machine Learning and Deep Learning to Geospatial Data

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Lisa Lazareck-Asunta
IEEE Women in Engineering Committee Chair

A Message from IEEE WIE Chair, Dr. Lisa Lazareck-Asunta

★★★★★ 203 views

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Learn why Dr. Lisa Lazareck-Asunta, IEEE Women In Engineering Chair 2019-2020, is dedicated to the evolution of IEEE as a trend-setter, promoting social and technological thought leadership across the organization.

Published on October 29, 2019

More

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Shannan Thompson - 2018 IEEE Frances B. Hugie Scholarship winner 167 views

Telle Whitney - IEEE Honorary Membership, 2019 IEEE Honors Ceremony

Keynote: Brynn Watson - WIE ILC 2019 10 views

Keynote: Victoria Mitchell - WIE ILC 2019 93 views

Keynote: Candace Worley - WIE ILC 2019 75 views

Keynote: Leslie Griffin Robertson - WIE ILC 2019 131 views

- ▶ Visit our Channel on IEEE.tv to view on-demand content from past webinars, Conference Keynotes and highlights, WIE members, etc.



<https://ieeetv.ieee.org/channels/wie>

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Social Media

Follow IEEE WIE...

**I Change the World.
I am an Engineer.**

Discover IEEE WIE

- Network with a global community of women in technology
- Discover local and global IEEE WIE activities
- Access members-only awards, grants, and discounts

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2021



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Pillars

- ▶ Affinity Groups
- ▶ Regional Committees
- ▶ Women In Industry
- ▶ Flagship Events
- ▶ TAB – Joint Activities

Thank You!

Visit us at wie.ieee.org

Email: women@ieee.org



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