

AdHoc Committee of R8 Fellow Members Search

Maria Teresa Correia de Barros

Goals

1. Increase the number and quality of R8 Fellow nominations. KPI: % of increase.
2. Increase the presence of under-represented groups (countries, gender, professional sector). KPI: % of increase.

Progress against goals since the last report

1. Information gathering (Fellows per country, categories, societies, gender, professional affiliation).
2. Follow-up with key-players from underrepresented areas identified at the Ottawa meeting.
3. Webinar by Dr. Don Tan, Chair of the IEEE Fellow Committee
“Towards the IEEE Fellow Grade”
Video recording <https://ieeer8.org/category/member-activities/member-elevation/>
170 participants
Over 100 emails originated.
4. Assistance provided to about 20 potential nominees (by email and zoom meetings).
5. Invited presentation “Upgrading to an IEEE Fellow”, at the WIE Panel for IEEE Canada “How to Move Upward in Your Membership and How to Create a Successful Award Application”.
6. Contacts with IEEE bodies for solving the problem of limited number of references in some geographic areas

Committee of R8 Specific Issues 1

None.

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None.

Points of Concern

Finding adequate key players in the R8 structure.

Proposals for improvements/Other Issues to report

Establish effective teamwork with committee members.

Presentation used during 2023 in different opportunities (invited presentation and zoom meetings with potential nominees) is attached.

Towards the IEEE Fellow Grade

Friday, December 1, 2023

5:00 PM | (UTC+01:00) Brussels, Copenhagen, Madrid, Paris | 1 hr 30 mins

R8 is keen on increasing the number of IEEE Fellow nominations and encourages Senior or Life Senior Members to attend this talk, by Dr. Don Tan, Chair of the IEEE Fellow Committee. Also important is participation of potential Nominators and Section governing bodies, specially from underrepresented countries. This talk is important to demystify the fellow nomination and evaluation process.

[Join WebEx meeting](#)

<https://ieeemeetings.webex.com/ieeemeetings/j.php?MTID=m2ae5b58d7bc800b6e890342a83ea7400>

Meeting number: 2530 346 2836

Meeting password: eAm2Jiitq33

Abstract: IEEE fellow grade is a prestigious recognition by the Institute to a single individual for his or her technical accomplishments in impacting society at large. It is highly sought-after across the globe. How do you answer the question then: Am I qualified to be considered for an IEEE fellow? What is the best way to prepare a nomination package? This talk by Dr. Don Tan will provide a unique perspective from an IEEE Fellow Committee Chair's viewpoint. It tries to demystify the fellow nomination and evaluation process. This is part of a continued effort to help increase the nomination pool size each year, particularly from underrepresented geographic areas, such as Region 9, African Council, Eastern Europe, Pacific Inlanders, etc. and underrepresented technical disciplines, such as industry, standards, education, etc. Topics include: 1) IEEE membership grades, 2) Relevant membership statistics, 3) Find a mentor/sponsor, 4) Judging yourself, 5) Importance of your nomination package, and 6) Reference resources.

Dr. Tan is with NGSS, where he served to executive level as Distinguished Engineer, Fellow, Chief Engineer-Power Conversion, program manager, department manager, and center director (acting). Don earned his PhD from Caltech and is an IEEE fellow. Well-recognized as a visionary leader in ultra-efficient power conversion and electronic energy systems, he has pioneered breakthrough innovations with high impact industry firsts and record performances that “significantly enhance our national security.” Recent launch of JWST Space Telescope represents human’s most power telescope for a historical mission. His suite of the world-class electronics performed flawlessly for JWST on orbit, one million miles sway, with record-breaking performances.

Don has delivered 70+ keynotes/invited global presentations. He is, among others, Chair, IEEE Fellow Committee, IEEE Board of Directors, Vice Chair, Industry Engagement Committee and Immediate Past Steering Committee Chair, IEEE PELS/PES eGrid. He was Director, IEEE Board of Directors, PELS Long Range Planning Committee Chair, Nomination Committee Chair, PELS President, Editor-in-Chief (Founding) for IEEE Journal of Emerging and Selected Topics in Power Electronics, General Conference Chair for APEC, Vice President-Operations, Guest Editor-in-Chief for IEEE Transactions on Power Electronics and IEEE Transactions on Industry Applications, Fellow Committee, Vice President-Meetings, IEEE Chair for IEEE/Google Little Box Challenge (awarded \$1M cash prize), and IEEE/DoD Working Group Chair, developed IEEE/ANSI stds 1515/1573. He also serves on many national and international award, review and selection committees.

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Upgrading to an IEEE Fellow

When and How?

region 8 IEEE 8



Maria Teresa Correia de Barros

IEEE Life Fellow

PES Fellow Evaluation Committee, Past Chair (Elevation Classes 2021 & 2022)

PES Fellows Nomination Resources Committee, Member

R8 Fellow Members Search Ad-Hoc Committee, Chair

❖ What is an IEEE Fellow?

- ✓ IEEE Fellow is a distinction reserved for select IEEE members whose extraordinary accomplishments in any of the IEEE fields of interest are deemed fitting of this prestigious grade elevation.

❖ Am I Eligible?

- ✓ Have accomplishments that have contributed importantly to the advancement or application of engineering, science and technology, bringing the realization of significant value to society
- ✓ Hold IEEE Senior member or IEEE Life Senior member grade
- ✓ Have been a member in good standing and has completed a minimum of five full years (consecutive or not) of IEEE membership in any grade preceding 1 January of the year of elevation

❖ Deadline: **February 7**



Is it the right time to move ahead?

- ❖ Read the IEEE Fellow Guidelines

<https://www.ieee.org/membership/fellows/ieee-fellow-guidelines.html>

(Governance and User Guides)

- ❖ Look carefully at the Sample Nomination Form.
- ❖ Please note that IEEE Fellowship is not awarded in recognition of one's career. It is awarded in recognition of one or two outstanding contributions, not “a body of work”.
- ❖ So, you should first identify those contributions, and (very important!) identify evidence of them being outstanding, clearly describe their impact and identify evidence of that impact

❖ Find a Nominator

❖ Choose one of the 5 categories: (see IEEE Fellow Contribution Categories Matrix)

- ✓ Research Engineer/Scientist (RE/S)
- ✓ Technology Innovator (TI)
- ✓ Technical Leader (TL)
- ✓ Educator (EDU)
- ✓ Standards Contributor (STDC)

❖ **Soliciting at least three, but no more than five, references** capable of supporting the nomination (must be IEEE Fellows/Life Fellows, except for R9)

❖ Optional: **Soliciting no more than three endorsements** capable of supporting evidences. Any person, including non-IEEE members, may submit an endorsement.

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region 8 IEEE 8

A blue silhouette map of Region 8, which includes Europe, Africa, and parts of Asia and Australia.

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When and How?

Q&A