



# F. DON TAN



<http://don-tan.org>

**Candidate for  
2025 IEEE Technical Activities Vice President-Elect**

## Why am I Running?

**Together, we will build a better future for IEEE/TAB**

I am running simply to represent you, our members, to make IEEE TAB a more efficient and effective organization that are agile to support your needs!

As a student, I benefited tremendously from IEEE. I have been volunteering ever since: Starting from Los Angeles council chapter member to chapter chair and all the way to Director, IEEE Board of Directors.

Serving as an IEEE BoD Director, as a society president, a general conference chair for the forth largest event in IEEE and a founding EiC journal provided me with a unique broad experience and deep understanding of issues you are facing as TAB members in your professional lives, whether getting started as a YP, excelling in academia, in industry, or venturing as an entrepreneur.

## What am I Planning to Do?

I intend to provide effective leadership for IEEE/TAB and enhanced values for all IEEE/TAB members. I have a proven record for getting tough things done for IEEE/TAB through consensus building and tough decision making. Recent examples are serving as IEEE Fellow Committee Chair, implementing the BoD approved improvements, among strong differences of opinions and the IEEE financial transparency, where we totally revamped the Charter of Accounts with a new financial system.

IEEE TAB's key thrusts are to promote technical excellence and prestige. IEEE/TAB members are our life blood. They deliver conferences and publications that distinguish IEEE as a global power house for professional member engagement, technical innovation and prestige. My priorities are:

### Invest in TAB's future

- Invest in TAB infrastructure to counter potential upcoming interruption of TAB's proven publication business model
- Build more effective, AI-driven tools for conferences and publications to strive for better operational efficiency
- Device more effective programs for YP and industry member engagement

### Develop disruption (new) products and services

- Develop new products and services, especially those that are IEEE analytics-based and AI-driven through an agile mobile infrastructure
- Increase industry participation by providing real value for advancing their careers and by recognizing major engineering contributions

### Pivot TAB for emerging technologies

- Continue to be the thought leaders in future technologies, streamline internal work flow and enhance transparency throughout the operation
- Strive for fair participation and leadership opportunities for diverse groups and regions, especially for those from industry and young professionals

### Enhance Society/Council Collaborations

- Break into new ways of collaborating among S/Cs, particularly between small and large S/Cs and between our sister major OU's of the IEEE
- Provide personalized services to accommodate different needs of our diverse constituents form large, medium and small societies and councils
- Enhance the values for Young Professionals

**Keep IEEE/TAB grow as a member-based and volunteer-driven international community with technical excellence and prestige**

## Who am I?

**Engineer:** I earned my PhD from Caltech. I am Distinguished Engineering with a Fortune 500 company, where I served as Chief Engineer-PC, Sr. Dept. Manager and Center Director, developing premium high-reliability/long-life power products /systems for crucial space missions.

**Honorary Professor:** I am distinguished visiting/honorary professor at Tsinghua University and taught at University of California, Irvine, at both graduate and undergraduate levels. I have conducted 90+ professional educational seminars at leading conferences and institutions (i.e., MIT, Caltech) and participated in PhD Dissertations at Tsinghua University, Aalborg University and Queen's University.

**Honors/Recognitions:** IEEE PELS McMurry Award in Industry Achievements, Distinguished Achievement Award in Aerospace Power, The Robert J. Collier Trophy (The highest award in Aerospace and Aeronautics in America), IEEE JESTPE Prize Paper Award, Harry Owen, Jr. Distinguished Services Award, National Asian American Engineer of the Year Award (AAAEYOY), JANNAF Outstanding Achievement Award in Electric Propulsion, Company Distinguished Engineer/Fellow, Distinguished Patent Award, President's Award for Innovation, IEEE Standards Board's Awards, and numerous others. I also served as the Chair of IEEE Technical Field Award on Transportation Technology and many other award/selection committees.

To Learn More, scan the QR code above or visit [don-tan.org](http://don-tan.org)

## Don Tan

2024- President , IEEE Transportation Electrification Council (Founding)

2023-24 IEEE Fellow Committee Chair

2019 Chair, IEEE Board Ad Hoc on New Membership Model & Financial Infrastructure

2017-18 Director, IEEE Board of Directors

2015-16 Chair, Google Little Box Challenge

2013-14 President, IEEE PELS

2013-18 EiC, IEEE JESTPE (Founding)

1995-04 Chair, IEEE/DoD Joint Working Group on P1515/P1573 (ANSI Standards)

1999 General Chair, Applied Power Electronics Conference (the 4<sup>th</sup> largest in IEEE)

1995-96 Chair, PELS LA Council Chapter

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Vote for me @

[www.ieee.org/elections](http://www.ieee.org/elections)

Voting Period:

August 15 – Oct 1, 2024

12:00 noon EDT (16:00 UTC-04)

To vote, scan me!



Thank you for your vote!