

K. J. RAY LIU

Candidate for
2021 IEEE President-Elect

Why am I Running?

Let's together build a better future for IEEE.

I am simply one of YOU. I started as a student member over 35 years ago. I read IEEE journals, I attend IEEE Conferences, I use IEEE Standards, I participate in IEEE webinars, and I enjoy attending local Chapter events. I have also volunteered time to make IEEE a better place for all of us, starting with IEEE's Signal Processing Society and moving up to overseeing all of IEEE's Societies and Councils as Vice President, Technical Activities, and being a member of IEEE's Board of Directors. I understand the issues you are facing in your professional lives, whether getting started after graduation, excelling or struggling in academia or industry, or prospering in the "Gig economy" as an entrepreneur. I am running to represent YOU to make IEEE more relevant and useful for all of us!

What Do I Plan to Do?

As a non-profit organization, IEEE's key thrusts are promotion of technical excellence, thought leadership, and facilitation of collaboration and networking, rather than amassing profits. I pledge to:

Provide greater value to you through new products and services:

- As the creator of IEEE DataPort, pursue more opportunities in data and analytics for open science and reproducible research
- Develop more continuing education and training on practical content relevant to your work, especially for industry members and young professionals
- Devise mobile strategy and infrastructure to engage members and other users with a simple click, to offer persistent availability and value

Build our strength in diversity, for all of us worldwide:

- Develop global strategies to offset political and geographic walls against equal participation
- Provide personalization of services to accommodate different needs of our diverse constituents
- Strive for fair participation and leadership from diverse groups and regions, especially those under-represented and women

Improve IEEE service and transparency to you:

- Lower IEEE overhead in its business model to relieve burden for members
- Ensure transparency in all decision making processes
- Foster open discussion and consensus building for major policy issues, by ensuring fair participation from all parties

Collectively, we need to keep IEEE strong as a member-driven, volunteer-based, international community

Who am I?

Professor: I am a Distinguished University Professor of University of Maryland, College Park, where my group conducts research encompassing broad areas of information and communications technology with recent focus on wireless AI for indoor positioning and wireless sensing.

Entrepreneur: I am a founder of high-tech start-ups. As the founder of Origin Wireless, my invention of Wireless AI won the 2017 CEATEC Grand Prix award, and a product is available as Linksys Aware, over 150 countries worldwide, which won the CES 2020 Innovation Award.

Awards/Honors: I am recognized by Web of Science as a Highly Cited Researcher, and I am a fellow of IEEE, AAAS, and U.S. National Academy of Inventors. I am a recipient of the 2016 IEEE Leon Kirchmayer Award on graduate teaching and mentoring, IEEE Signal Processing 2014 Society Award, IEEE Signal Processing Society 2009 Technical Achievement Award, and over a dozen of best paper awards.

To Learn More? Visit www.rayliu.org.



K. J. Ray Liu

**2019 IEEE Vice President
Technical Activities**

2016-17 IEEE Board of Directors

**2012-13 IEEE Signal Processing
Society President**

**Distinguished University Professor of
University of Maryland, College Park**

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IEEE Elections

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From Aug 15 to Oct 1
noon CT USA/17:00 UTC

For more information



www.rayliu.org

**Thank you
for your vote!**