



Professor
Electrical and Computer
Engineering
University of Louisville
Louisville, Kentucky, USA
ph: +1 502 852 6314
j.zurada@ieee.org
linkedin.com/in/jacekzurada

Visit www.jacekzurada.org
for more information



Biography

- Professor of Electrical and Computer Engineering Department at the University of Louisville, USA
- Author of several textbooks including the pioneering text in neural networks, and over 420 publications in neural networks, machine learning and computational intelligence resulting in 11,900 citations
- IEEE Vice-President, Technical Activities 2014 (2013 Elect, 2015 Past)
- IEEE leadership positions in Publications, Services and Products and Technical Activities Boards (TAB), including Chair of the Periodicals and Periodicals Review Committees (2010-13)
- President of IEEE Computational Intelligence Society (2004-05)
- Editor-in-Chief of IEEE Trans. on Neural Networks (1998-03)
- IEEE Life Fellow with distinctions including six honorary doctorates and a membership in an academy of science

IEEE Accomplishments and Qualifications

Served in a wide range of IEEE volunteer roles and held positions of highest responsibilities in Technical Activities, including as a voting TAB Member (7 years), PSPB and MGA (2 years each). His focus has been on promoting the global mission of IEEE and on addressing the life-long career needs of both academics and practitioners. He brings a variety of perspectives and unique experience in IEEE and its three major Boards. With extensive knowledge of IEEE publications, management, products business and conferences, he is well prepared for IEEE Presidency.

Position Statement

The fast-moving pace of technology and globalization is creating unique opportunities for IEEE. To achieve success, the President must harness the enormous energy of its volunteers and their creativity in collective thinking and take a leading role to improve the Institute. I'll focus on members, transparency and technology, and as President I'll launch forward-thinking initiatives while embracing the reform commenced by recent leadership to:

- Deliver highest quality personalized and practice-oriented content for IEEE members and customers
- Assist our members with staying up-to-date in their professions
- Expand educational offerings to industry practitioners
- Reach out to new communities of potential members, especially in emerging economies and underserved members of the Institute
- Initiate a landmark project to transform IEEE from today's traditional 'technical paper provider' to a 'knowledge provider'. The new AI-driven IEEE Explore will deliver highly-processed, filtered, on-demand knowledge be it designs, algorithms, technical solutions, products, standards, even answers to questions. As a neural networks pioneer, I know this will establish the new 'AI-aligned-IEEE' and bring new revenue streams and opportunities.

IEEE Elections: www.ieee.org/elections
Voting: August 15 through October 1, 2018
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