

The 52 members of the IEEE Fellow Committee are all IEEE Fellows representing the 10 IEEE Regions, 47 IEEE Societies/Councils and various affiliations. The IEEE Fellow Committee is responsible for making recommendations to the IEEE Board of Directors for nominees to be elevated to the grade of Fellow.

## **2024 IEEE Fellow Committee Members**

**Chair: Isabel Trancoso**

2011

for sustained contributions to speech technology, especially in the provision of research in and resources for the Portuguese language

**Vice Chair: Joseph Hughes**

2007

for contributions to engineering education program development, assessment, and accreditation activities

**Members:**

**George Arnold**

2012

for leadership in architecture and protocols for the electric grid and telecommunication networks

**Farhan Baqai**

2023

for contributions in leadership in digital camera image processing

**Moises Cases**

2009

for contributions to design and noise control for power and signal distribution in digital systems

**Hsi-Tseng Chou**

2012

for contributions to high frequency electromagnetic analysis and its applications to antenna design

**Serge Demidenko**

2004

for contributions to electronic testing

**Robert Doverspike**

2010

for contributions to architectures, modeling, and optimization of telecommunication networks

**Robert Fagaly**

2017

for leadership in the development and commercialization of SQUID instrumentation.

**Zhu Han**

2014

for contributions to resource allocation and security in wireless communications

**K.V.S. Hari**

2015

for contributions to high-resolution signal parameter estimation

**Alois Knoll**

2023

for contributions to Human-Robot Interaction and Neurorobotics

**Javad Lavaei**

2023

for contributions to nonlinear optimization in power systems

**Hai Li**

2019

for contributions to neuromorphic computing systems

**Yong Lian**

2009

for contributions to the design of low-power high-performance digital filters

**Wei Liu**

2023

for contributions to large-scale machine learning and multimedia intelligence

**Ahmed Louri**

2011

for contributions to optical interconnection networks for parallel computing

**Kazuhiro Nakadai**

2023

for contributions to robot audition and computational auditory scene analysis

**Jong-Seon No**

2012

for contributions to sequences and cyclic difference sets for communications algorithms

**Anthony Oates**

2012

for contributions to the engineering and understanding of interconnect reliability in integrated circuits

**Maciej Ogorzalek**

1997

for contributions to the theory, analysis, and control of nonlinear dynamic systems and chaotic phenomena

**Boon Ooi**

2023

for contributions to broadband light emitters and visible light communications

**Anil Pahwa**

2003

for contribution to power distribution system automation and restoration

**Michael Polley**

2023

for leadership in multimedia chipset architectures and mobile camera technologies

**GuoJun Qi**

2022

for contributions to multimedia analysis and applications

**Sudhakar Rao**

2006

for contributions to multiple beam and reconfigurable beam antenna payloads for communication satellites.

**Gamal Refai-Ahmed**

2021

for leadership in thermal management of electronics product development

**Woogeun Rhee**

2023

for contributions to phase-locked circuits and systems

**Arturo Roman-Messina**

2012

for contributions to analysis of electric power system

**Daniel Sabin**

2016

for leadership in power quality database management and analysis software

**Magdalena Salazar-Palma**

2014

for contributions to the application of numerical techniques to electromagnetic modeling

**Dominique Schreurs**

2012

for contributions to nonlinear vectorial measurement-based experimental design and modeling

**Tomy Sebastian**

2003

for contributions to the theory, design, and application of permanent magnet motors and drives in automotive systems

**Gianluca Setti**

2006

for contributions to application of nonlinear dynamics to communications, signal processing, and information technology.

**Yang Shi**

2017

for contributions to networked and distributed control systems

**Yuriy Shmaliy**

2011

for contributions to optimal methods for timekeeping and statistical theory of piezoelectric systems

**Adam Skorek**

2009

for contributions to electro-thermal analysis of industrial processes

**Seishi Takamura**

2019

for application of video coding

**Ying Tan**

2023

for contributions to rehabilitation robotics

**Ljiljana Trajkovic**

2005

for contributions to computer aided design tools for circuit analysis

**Chonggang Wang**

2019

for contributions to Internet of Things enabling technologies

**Hong Wang**

2023

for contributions to learning control and diagnosis for complex dynamical systems

**Jianping Wang**

2023

for contributions to resiliency of complex systems

**Xiaoyu Wang**

2023

for contributions to video analysis technologies for embedded systems

**Zhen Wang**

2017

for contributions to statistical signal processing for multimedia security and brain data analytics

**Rodney Waterhouse**

2011

for contributions to microwave photonic systems and printed antennas

**Yonggang Wen**

2020

for contributions to cloud systems for multimedia signal processing and communications

**Daniel Worledge**

2023

for contributions to magneto-resistive random access memories

**Ke Wu**

2001

for contributions to hybrid integration of planar and non-planar microwave and millimeter-wave circuits and guided-wave structures

**Cary Yang**

2016

for contributions to microelectronic education and the understanding of interfacial properties of silicon-based devices

**Wei Yu**

2014

for contributions to optimization techniques for multiple-input-multiple-output communications

**Sufi Zafar**

2023

for contributions to CMOS compatible biosensors and high permittivity field effect transistor reliability models