

The 52 members of the IEEE Fellow Committee are all IEEE Fellows representing the 10 IEEE Regions, 46 IEEE Societies/Technical 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.

IEEE Fellow Committee Members

The 2021 Fellow Committee Members

Chair: Leda Lunardi

2002

for contributions to the development of high-performance 1.55 μm monolithically integrated photoreceiver for optical communication

Vice Chair:

Piero Bonissone (Life Fellow)

2004

for leadership in the development of artificial and computational intelligence technologies and their applications to real-world problems

Members:

Pamela Ann Abshire

2018

for contributions to CMOS biosensors

Nirwan Ansari

2009

for contributions to broadband networks and communications

Alessandro Astolfi

2009

for contributions to nonlinear control theory and its applications to mechanical, electromechanical and power systems

Gerard Capolino

2002

for contributions to modeling, simulation, and control techniques applied to power electronics and electrical drive

Moises Cases

2009

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

David Conner (Life Fellow)

1995

for leadership in the integration of engineering design education into the electrical engineering curriculum

Mariesa Crow

2010

for contributions to power engineering education and to computational methods for power system analysis

Serge Demidenko

2004

for contributions to electronic testing

Miwako Doi

2011

for contributions to the human interface of document processing

Robert Doverspike

2010

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

Ali Emadi

2013

for contributions to electric power conversion and control for electric and hybrid vehicles

William Emery (Life Fellow)

2003

for contributions to satellite remote sensing

Prasad Enjeti

2000

for contributions to solutions of utility interface problems in power electronic systems and harmonic mitigation

Pablo Estevez

2017

for contributions to feature selection and visualization of large data sets

Robert Fagaly (Life Fellow)

2009

for leadership in the development and commercialization of SQUID instrumentation

Djalma Falcao (Life Fellow)

2004

for contributions to power system engineering education

Maria Pia Fanti

(2017)

for contributions to modeling and control of discrete event systems

Alejandro Frangi

2014

for contributions to medical image analysis and image-based computational physiology

Costas Georghiades (Life Fellow)

1998

for contributions to the theory of optimum receiver design

William Hurley (Life Fellow)

2007

for contributions to magnetic circuit design, planar magnetics, and high frequency transformer design

Mohammad Islam

2016

for development of electromagnetic sensors and actuators for automotive applications

Innocent Kamwa

2005

for contributions to the identification of synchronous generator models and innovations in power grid control

Bogdan Kasztenny

2008

for contributions to protective relaying methods, designs, and application

Hideo Kuwahara (Life Fellow)

2006 for contributions to high capacity optical fiber communication technologies

Jae Hong Lee (Life Fellow)

2011

for contributions to high-speed wireless communication systems

Yong Lian

2009

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

John Nelson (Life Fellow)

1997

for contributions to the protection of electrical equipment and to personnel safety in the petroleum and chemical industry

Maciej Ogorzalek

1997

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

Bozenna Pasik-Duncan (Life Fellow)

2001

for contributions to identification and stochastic adaptive control

Sundaram Ramesh

2015

for contributions to entrepreneurship in engineering education

Teofilo Ramos (Life Fellow)

2001

for contributions to international engineering education and for development of the Mexican Engineering Accreditation System

Sudhakar Rao (Life Fellow)

2006

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

C J Reddy

2018

for leadership in simulation methods for antenna placement and co-site analysis

Daniel Sabin

2016

for leadership in power quality database management and analysis software

Magdalena Salazar-Palma (Life Fellow)

2014

for contributions to the application of numerical techniques to electromagnetic modeling

Tomy Sebastian

2003

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

Roy Streit (Life Fellow)

2012

for contributions to multi-target tracking, classification, and sonar signal processing

Dominique Shreurs

2012

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

Peter Sutherland (Life Fellow)

2007

for contributions to harmonic analysis in electrical power systems

F. Don Tan

2007

for contributions to high efficiency forward converters

Isabel Trancoso

2011

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

Joos Vandewalle (Life Fellow)

1992

for contributions to the mathematics of nonlinear circuits and systems

S.S. Venkata (Life Fellow)

1989

for leadership in electric-power education and research in energy transmission technology

Vijay Vittal (Life Fellow)

1997

for contributions to the development of the transient energy function method and its application to power system dynamic security assessment, and for leadership in power engineering education and research

Peter Winzer

2009

for contributions to high-speed digital optical modulation in transport networks

Min Wu

2017

For contributions to multimedia security and forensics

Yuanyuan Yang

2009

for contributions to parallel and distributed computing systems

Daniel Yeung (Life Fellow)

2004

for contributions to sensitivity analysis of neural networks and fuzzy expert systems

Junku Yuh

2005

for contributions to autonomous underwater robots

Weihua Zhuang

2008

for contributions to mobile communications and networks