

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 2016 Fellow Committee Members

Chair:

Amy Reibman

2005

for contributions to the transport of video over networks

Vice Chair:

Stefano Galli

2012

for contributions to theory, practice, and standardization of power line communication networks

Members:

Alessandro Astolfi

2009

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

David Bader

2010

for contributions to parallel algorithms for combinatorial problems and computational biology

John Baillieul (Life Fellow)

1993

for contributions to nonlinear control theory, robotics, and control of complex mechanical systems

Supriyo Bandyopadhyay

2005

for contributions to device applications of nanostructures

Fil Bartoli

2005

for leadership in optoelectronic materials and devices

Piero Bonissone (Life Fellow)

2004

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

Christos Cassandras

1996

for contributions to discrete event systems and perturbation analysis and their applications

Babu Chalamala

2014

for contributions to the development of advanced materials and device technologies for vacuum microelectronics and field emission displays

George Chrisikos

2009

for contributions to the simulation and design of communication systems

Cor Claeys

2009

for contributions to semiconductor device physics, defect engineering, and low frequency noise characterization

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

Paulo Diniz

2000

for fundamental contributions to the design and implementation of fixed and adaptive filters and Electrical Engineering Education

Miwako Doi

2011

for contributions to the human interface of document processing

Jay Farrell

2008

for contributions to intelligent, autonomous vehicle analysis and design

Victor Fouad-Hanna (Life Fellow)

1996

for contributions to the development of advanced numerical techniques for analysis and modeling of passive microwave and millimeter wave circuits

Maria Greco

2011

for contributions to non-Gaussian radar clutter modeling and signal processing algorithms

William Hurley

2007

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

Pooi-Yuen Kam

2010

for contributions to receiver design and performance analysis for wireless communications

Mark Karol

1993

for contributions to the theory, design, and analysis of high-performance packet switches and multiuser lightwave communication networks

Mostafa Kaveh (Life Fellow)

1988

for contributions to diffraction tomography and to the signal processing aspects of that imaging technique

Michael P. Kennedy

1998

for contributions to the theory of neural networks and nonlinear dynamics, and for leadership in nonlinear circuits research and education

V. Prasad Kodali (Life Fellow)

1980

for leadership in the planning of radar development

Kazuo Kyuma

1997

for contributions to optical information processing including optical neuro-chip and artificial retina chips

Jae Hong Lee

2011

for contributions to high-speed wireless communication systems

Yong Lian

2009

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

Zhi-Pei Liang

2006

for contributions to biomedical applications of magnetic resonance imaging

K.J. Ray Liu

2003

for contributions to algorithms, architectures, and implementations for signal processing

Franco Maloberti (Life Fellow)

1996

for contributions to design methodologies for analog integrated circuits and outstanding leadership in microelectronics education and research

A.P. Sakis Meliopoulos

1993

for contributions to power system grounding, reliability assessment, and analysis of harmonics

Carmen Menoni

2010

for contributions to nano-scale imaging with ultraviolet lasers, and semiconductor optical materials and devices

Dejan Milojicic

2010

for contributions to distributed systems software and mobile programming abstractions

David Neuhoff (Life Fellow)

1994

for contributions to the theory of universal source coding and asymptotic vector quantization

Marios Polycarpou

2006

for contributions to the theory and application of intelligent systems and control

Peter Ramadge

1996

for contributions to the theory of adaptive control and the control of discrete event systems

Marina Ruggieri

2014

for contributions to millimeter-wave satellite communications

Magdalena Salazar-Palma

2014

for contributions to the application of numerical techniques to electromagnetic modeling

Morris Sloman

2011

for contributions to adaptive policy based management of distributed and pervasive systems

Robert Staszewski

2009

for contributions to development of digital radio frequency integrated systems

Michael Steer

1999

for contributions to the computer aided engineering of non-linear microwave and millimeter-wave circuits

Isabel Trancoso

2011

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

Leung Tsang

1990

for contributions to wave propagation in discrete random media and the theory of microwave remote sensing

Chi Tse

2006

for contributions to power electronics circuits and applications

Maria Elena Valcher

2012

for contributions to positive systems theory and the behavioral approach to system analysis and control

Joos Vandewalle (Life Fellow)

1992

for contributions to the mathematics of nonlinear circuits and systems

Pramod Varshney

1997

for contributions to the theory and applications of distributed detection and data fusion

Bo Wahlberg

2007

for contributions to system identification using orthonormal basis functions

Yuan-Fang Zheng (Life Fellow)

1997

for contributions to the development of mechanisms for coordination of multiple robots and manipulators

Alternates:

Kwang Bok Lee

2011

for contributions to wireless communication systems

Jose Principe

2000

for development of the gamma neural model and for its applications in signal processing

Tapan Sarkar (Life Fellow)

1992

for contributions to iterative solutions of numerical models in electromagnetic theory

John Volakis

1996

for contributions to computational electromagnetic, including hybrid finite element and high frequency methods