

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 2017 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:

Anuradha Annaswamy

2002

for contributions to adaptive control theory, neural networks, and active-adaptive control of combustion systems

Nirwan Ansari

2009

for contributions to broadband networks and communications

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

Miroslav Begovic

2004

for leadership in developing analysis tools and protection techniques for electric power transmission systems and renewable generation

Piero Bonissone (Life Fellow)

2004

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

Bill D. Carroll (Life Fellow)

1989

for contributions leading to the development of the theory for generalized test functions for combinatorial circuit

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

Miwako Doi

2011

for contributions to the human interface of document processing

Stephen Dukes

2002

for leadership in evolving cable television industry architecture, technology and standards for rapidly developing digital two-way communications systems

Djalma Falcao (Life Fellow)

2004

for contributions to power system engineering education

Jay Farrell

2008

for contributions to intelligent, autonomous vehicle analysis and design

Bijoy Ghosh

2000

for fundamental contributions to systems theory with applications to robust control, vision and multisensor fusion

Maria Greco

2011

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

Hamid Jafarkhani

2006

for contributions to space-time coding

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

Ashfaq Khokhar

2009

for contributions to multimedia computing and database systems

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

Wei-Jen Lee

2007

for contributions to engineering education and power system analysis

Geoffrey Ye Li

2006

for contributions to signal processing for wireless communications

Yong Lian

2009

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

Ming Lin

2012

for contributions to real-time physics-based interaction and simulation for virtual environments, robotics and haptics

Leda Lunardi

2002

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

Om Malik (Life Fellow)

1987

for contributions to real-time digital control and protection of synchronous machine

Franco Maloberti (Life Fellow)

1996

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

Diana Marculescu

2015

for contributions to design and optimization of energy-aware computing systems

Carmen Menoni

2010

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

John Norgard (Life Fellow)

1990

for the application of infrared thermography to the measurement of electromagnetic field

Dalma Novak

2007

for contributions to enabling technologies for the implementation of fiber radio systems

Marios Polycarpou

2006

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

Tapan Sarkar (Life Fellow)

1992

for contributions to iterative solutions of numerical models in electromagnetic theory

Donatella Sciuto

2011

for contributions to embedded system design

Adam Skorek

2009

for contributions to electro-thermal analysis of industrial processes

Robert Staszewski

2009

for contributions to development of digital radio frequency integrated systems

Ljiljana Trajkovic (Life Fellow)

2005

for contributions to computer aided design tools for circuit analysis

Leung Tsang (Life Fellow)

1990

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

Bo Wahlberg

2007

for contributions to system identification using orthonormal basis functions

Daniel Yeung

2004

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

Yuan-Fang Zheng (Life Fellow)

1997

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

Alternates: