

The 52 members of the IEEE Fellow Committee are all IEEE Fellows representing the 10 IEEE Regions, 45 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 2015 Fellow Committee Members

Chair:

Panagiotis E. Papamichalis

1999

for contributions to the development and implementation of efficient Digital Signal Processing (DSP) algorithms

Vice Chair:

Jane Cullum (Life Fellow)

1990

for contributions to practical numerical algorithms for large-scale systems

Members:

David Allstot (Life Fellow)

1992

for contributions to the analysis and design of switched-capacitor and analog integrated circuits

John Baillieul (Life Fellow)

1993

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

Roger C. Barr (Life Fellow)

1996

for contributions to the theory of the electrocardiogram and its origin from currents and voltages within the heart

Fil Bartoli

2005

for leadership in optoelectronic materials and devices

Magdy Bayoumi

1999

for contributions to application specific digital signal processing architecture and computer arithmetic

Jon Benediktsson

2004

for contributions to pattern recognition and data fusion in remote sensing

Christos Cassandras

1996

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

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

John Darringer (Life Fellow)

1991

for contributions to the development of practical techniques and algorithms for automated logic synthesis of high-performance computer

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

Stefano Galli

2012

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

Huijun Gao

2014

for contributions to the theory and industrial applications of networked control systems

Sivaprasad Gogineni

1999

for development of innovative research radars and radar studies of polar sea and glacial ice

Maria Greco

2011

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

David Haccoun

1993

for contributions to the study of probabilistic decoding algorithms for convolutional codes

Hideki Hashimoto

2006

for contributions to mechatronics systems

R.(Russell) To Hsing

1995

for leadership in the development of technology to transport video rate data on existing telephone access lines

Mostafa Kaveh (Life Fellow)

1988

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

Leo Charles Kempel

2009

for contributions to conformal antenna design and electromagnetic composite materials

Bruce Krogh
1998
for contributions to supervisory control and its industrial applications

Hideo Kuwahara
2006
for contributions to high capacity optical fiber communication technologies

Kazuo Kyuma
1997
for contributions to optical information processing including optical neuro-chip and artificial retina chips

Khaled Letaief
2003
for contributions to the analysis, design, and performance evaluation of high-speed wireless communication systems

Wanjiun Liao
2010
for contributions to communication protocols in multimedia networking

K.J. Ray Liu
2003
for contributions to algorithms, architectures, and implementations for signal processing

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

Eytan Modiano
2012
for contributions to cross-layer resource allocation algorithms for wireless, satellite, and optical networks

Kohuei Ohnishi
2001
for contributions to the development of disturbance observer and its applications to motion control

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

Amy Reibman

2005

for contributions to the transport of video over networks

Marina Ruggieri

2014

for contributions to millimeter-wave satellite communications

Tariq Samad

2005

for leadership in industrial application of intelligent control systems

Ronald D. Schrimpf

2000

for contributions to the understanding and the modeling of physical mechanisms governing the response of semiconductor devices to radiation exposure

Nagu Srinivas

2007

for contributions to assessment of vulnerability of aged extruded dielectric power cables by direct current testing

Robert Staszewski

2009

for contributions to development of digital radio frequency integrated systems

Roberto Tempo

2000

for contributions to robust identification and control of uncertain systems

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

Maria Valla

2010

for contributions to non-linear control of electric drives

Pramod Varshney

1997

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

S.S. (Mani) Venkata (Life Fellow)

1989

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

Gary Yen

2009

for contribution to intelligent systems and control

Alternates:

Hsiao-Hwa Chen

2010

for contributions to radio resource allocation in code division multiple wireless system

Vahid Madani

2008

for leadership in power system protection, control for wide-area systems, and modular protection automation

Nalini K. Ratha

2007

for contributions to biometric authentication systems

Yuan-Fang Zheng

1997

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

Daniel S. Yeung

2004

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