

28 EDS Members Elected to the IEEE Grade of Fellow Effective 1 January 2015

David Abe, U.S. Naval Research Laboratory, Washington, DC, USA
for leadership and contributions to the development of high power microwave and millimeter wave vacuum electronic devices

Christopher Auth, Intel Corporation, Hillsboro, OR, USA
for contributions to strained silicon transistor technology

Victor Bright, University of Colorado, Boulder, CO, USA
for contributions to micro- and nano-electromechanical systems

Martin Buehler, Decagon Devices, Pullman, WA, USA
for contributions to metrology through development of semiconductor process control test structures, gas sensors and radiation detectors

John Conley, Oregon State University, Corvallis, OR, USA
for contributions to semiconductor process technology to improve radiation hardening of MOS devices

John Dallesasse, University of Illinois at Urbana-Champaign, Urbana, IL, USA
for contributions to oxidation of III-V semiconductors for photonic device manufacturing

Weileun Fang, National Tsing Hua University, Hsinchu, Taiwan
for contributions to measurement methods and process technologies for micro-electro-mechanical systems

Lorenzo Faraone, University of Western Australia, Crawley, WA, Australia
for development of semiconductor optoelectronic materials and devices

Reza Ghodssi, University of Maryland, College Park, College Park, MD, USA
for contributions to materials and processes for microsystems technology

Deepnarayan Gupta, HYPRES Inc., Elmsford, NY, USA
for contributions to superconductor digital radio-frequency receivers

Ray-Hua Horng, National Chung Hsing University, Taichung, Taiwan
for contributions to high brightness light emitting diodes

Giuseppe Iannaccone, University of Pisa, Italy, Pisa, Italy
for contributions to modeling transport and noise processes in nanoelectronic devices

Meikei Jeong, TSMC Europe B.V., Amsterdam, Netherlands
for leadership in development of advanced complementary metal-oxide-semiconductor device technologies

Safa Kasap, University of Saskatchewan, Saskatoon, SK, Canada
for contributions to photoconductive sensors for x-ray imaging

Tsunenobu Kimoto, Kyoto University, Kyoto, Japan
for contributions to silicon carbide materials and devices

Hiroshi Kondoh, Centellax, Inc., Santa Rosa, CA, USA
for contributions to microwave and millimeter wave MMIC technologies

Paul Lee, Exelis Geospatial Systems, Amityville, NY, USA
for contributions to the development of CMOS image sensor technology and the pinned photo-diode active pixel sensor

Yong Liu, Fairchild Semiconductor Corp., South Portland, ME, USA
for contributions in power electronics packaging

Susan Lord, University of San Diego, San Diego, CA, USA
for professional leadership and contributions to engineering education

Roger Malik, First Solar, Santa Clara, CA, USA
for contributions to heterojunction compound semiconductor materials and devices

Wiltold (Witek) Maszara, GLOBALFOUNDRIES, Santa Clara, CA, USA
for contributions to high performance CMOS process modules

Sokrates Pantelides, Vanderbilt University, Nashville, TN, USA
for contributions to point-defect dynamics in semiconductor devices

Luca Selmi, University of Udine, Udine, Italy
for research on carrier transport and reliability of semiconductor devices

Paul Tasker, Cardiff University, UK, Cardiff, Wales, UK
for contributions to microwave measurements and their application to microwave models

Jian-Ping Wang, University of Minnesota, Minneapolis, MN, USA
for contributions to magnetic material and spintronic devices for magnetic recording, information processing and biomedical applications

Mark Weichold, Texas A&M University at Qatar, Doha, Qatar
for contributions to international development of engineering education

Chik Patrick Yue, Hong Kong University of Science & Tech., Clear Water Bay, Hong Kong
for contributions to the advancement of CMOS radio-frequency integrated circuits and devices modeling

Yong-Hang Zhang, Arizona State University, Tempe, AZ, USA
for contributions to molecular beam epitaxy growth technology, infrared lasers and photodetectors

Leda Lunardi
2014 EDS Fellows Chair
North Carolina State University
Raleigh, NC, USA