Congratulations to the 26 Newly Elected IEEE Electron Devices Society Fellows
Effective January 1, 2019

Matthias Bauer
for contributions to growth technologies for alloys for transistors

Navakanta Bhat
for contributions to electrochemical biosensors in nanoelectronic devices

Meng-fan Chang
for contributions to static and nonvolatile memories for embedded systems

Kin Ping Cheung
for contributions to plasma process-induced damage in integrated circuits

Chris Hyung-il Kim
for contributions to on-chip circuit reliability evaluation and characterization

Daniele Ielmini
for contributions to nonvolatile semiconductor memories

Hiroshi Ito
for contributions to high-speed photodiodes for millimeter and terahertz wave generation

Mona Jarrahi
for contributions to terahertz technology and microwave photonics

Christoph Jungemann
for contributions to hierarchical simulation of semiconductor devices

Ali Khakifirooz
for contributions to fully depleted silicon-on-insulator complementary-metal-oxide-semiconductor technology

Chih-huang Lai
for contributions to magnetic information storage and spintronic devices

Roger Lake
for contributions to quantum mechanical electronic device modeling

Hai Li
for contributions to neuromorphic computing systems
Miroslav Micovic  
for contributions to gallium nitride electronics

Theodore Moise  
for contributions to ferroelectric memory development and engineering

Katsufumi Nakamura  
for contributions to integrated circuits for digital imaging

Stewart Rauch  
for contributions to microelectronics reliability

Samar Saha  
for contributions to compact modeling of silicon field-effect transistors

Sayeef Salahuddin  
for contributions to low power electronic and spintronic devices

Andries Scholten  
for contributions to noise and radio frequency modeling of semiconductor devices

Venkat Selvamanickam  
for contributions to development and manufacturing of superconductor tapes

Munehiro Tada  
for contributions to copper interconnects for very-large-scale integration

Harkhoe Tan  
for contributions to compound semiconductor optoelectronic materials and devices

Deepak Uttamchandani  
for contributions to photonics-based sensing

Dragica Vasileska  
for contributions to computational electronics and simulation of nanoscale devices

Weisheng Zhao  
for contributions to spintronic integrated circuit design

Cor Claeys  
2019 EDS Fellows Chair  
KU Leuven, Belgium