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for contributions to the development of safety and security monitoring instrumentation and measurement technologies

Xiaolan Xie Ecole Nationale Superieure des Mines de Saint Etienne Saint Etienne, France

for contributions to systems engineering for healthcare and manufacturing

Yuan Xie Pennsylvania State University University Park, PA, USA

for contributions to design automation and architecture of three-dimensional integrated circuits

Isao Yamada Tokyo Institute of Technology Tokyo, Japan

for contributions to inverse problems and learning in signal processing

Liuqing Yang Colorado State University Fort Collins, CO, USA

for contributions to theory and practice of ultra-wideband communications

Olexander Yarovyi Delft University of Technology Delft, The Netherlands

for leadership in ultra-wideband imaging for ground penetrating radar and microwave scanners

Aylin Yener Pensylvania State University University Park, PA, USA

for contributions to wireless communication theory and wireless information security

Bulent Yener Rensselaer Polytechnic Institute (RPI) Troy, NY, USA

for contributions to network design optimization and security

Wang Yi Uppsala University, Sweden Uppsala, Sweden

for contributions to safety-critical real-time systems

Chik Patrick Yue Hong Kong University of Science and Technology Clear Water Bay, Hong Kong

for contributions to the advancement of CMOS radio-frequency integrated circuits and device modeling

Moti Yung Google Inc. New York, NY, USA

for contributions to cryptography

Navid Zargari Rockwell Automation Canada Cambridge, ON, Canada

for contribution to medium voltage drive technologies and applications

Huaguang Zhang Northeastern University China Shenyang, China

for contributions to stability analysis of recurrent neural networks and intelligent control of nonlinear systems

Wei Zhang University of New South Wales Sydney, Australia

for contributions to cognitive radio communications

Wei-Bin Zhang University of California, Berkeley Richmond, CA, USA

for contributions to cooperative vehicle highway automation systems

Yin Zhang University of Texas at Austin Austin, TX, USA

for contributions to computer network measurement and management

Yong-Hang Zhang Arizona State University Tempe, AZ, USA

for contributions to molecular beam epitaxy growth technology, infrared lasers and photodetectors

Zhijun Zhang Tsinghua University Beijing, China

for contributions to antenna design and propagation modeling in mobile communication devices

Haitao Zheng University of California, Santa Barbara Santa Barbara, CA, USA

for contributions to dynamic spectrum access and cognitive radio networks

Yahong Zheng Missouri University of Science & Technology Rolla, MI, USA

for contributions to channel modeling and equalization for wireless communications

Kun Zhou Zhejiang University HangZhou, China

for contributions to shape modeling and GPU computing

Yuanyuan Zhou University of California, San Diego La Jolla, CA, USA

for contributions to scalable algorithms and tools for computer reliability