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Germano Torres Itajuba Federal University / PS Solutions Itajuba, Brazil

for contributions to the application of intelligent systems to power systems

Elie Track Hypres, Inc. Stamford, CT, USA

for leadership in superconducting electronics and its applications

Trac Tran Johns Hopkins University Baltimore, MD, USA

for contributions to multirate and sparse signal processing

Wade Trappe Rutgers University New Brunswick, NJ, USA

for contributions to information and communication security

A. Galip Ulsoy University of Michigan Ann Arbor, MI, USA

for contributions to the control of automotiveand manufacturing systems and time-delay systems

Kerry Vahala California Institute of Technology Pasadena, CA, USA

for contributions to the physics, technology, and applications of quantum-confined semiconductor lasers and optical microresonators

Jan Van Houdt imec Leuven, Belgium

for contributions to flash memory devices

Marc Van Hulle KU Leuven Leuven, Belgium

for contributions to biomedical signal processing and biological modeling

Andre van Schaik University of Western Sydney Penrith, NSW, Australia

for contributions to neuromorphic circuits and systems

Rene Vidal Johns Hopkins University Baltimore, MD, USA

for contributions to subspace clustering and motion segmentation in computer vision

Martin Vlach Mentor Graphics Portland, OR, USA

for leadership in analog and mixed signal hardware description languages and their simulation tools

Yi Wang Cornell University New York, NY, USA

for contributions to cardiovascular MRI development and quantitative susceptibility mapping

Zidong Wang Brunel University Middlesex, UK

for contributions to networked control and complex networks

Zhou Wang University of Waterloo Waterloo, ON, Canada

for contributions to perceptual image processing and quality assessment

Solveig Ward Quanta Technology, LLC Raleigh, NC, USA

for contributions to power system protective relaying, communications systems, and teleprotection

Iram Weinstein Science Applications International Corp. McLean, VA, USA

for leadership in signal processing and test methods for radars detecting advanced aircraft and cruise missiles in severe terrain clutter

Ross Whitaker University of Utah Salt Lake City, UT, USA

for contributions to image and geometry processing, visualization, and medical image analysis

Sarah Wilson Santa Clara University Santa Clara, CA, USA

for contributions to orthogonal frequency division multiplexing

Ed Wu University of Hong Kong Hong Kong, China

for contributions to in vivo magnetic resonance imaging methods

Ya-Hong Xie University of California Los Angeles, CA, USA

for contributions to strained-silicon materials and devices

Changsheng Xu Chinese Academy of Sciences Beijing, China

for contributions to multimedia content analysis

Sudhakar Yalamanchili Georgia Institute of Technology Atlanta, GA, USA

for contributions to high-performance multiprocessor architecture and communication

Rui Yang University of Oklahoma Norman, OK, USA

for contributions to the mid-infrared interband cascade laser and related optoelectronic devices

Boon-Lock Yeo Google Sunnyvale, CA, USA

for contributions to and leadership in image and video processing

Wei Yu University of Toronto Toronto, ON, Canada

for contributions to optimization techniques for multiple-input-multiple-output communications

Franco Zambonelli Universita' di Modena e Reggio Emilia Reggio Emilia, Italy

for contributions to software engineering for self-adaptive and self-organizing systems

Yongguang Zhang Microsoft Research Beijing Beijing, China

for contributions to software radio technology

Guoqi Zhang Philips Research/Delft University of Technology Delft, The Netherlands

for contributions to heterogeneous micro/nano electronics packaging, system integration and reliability

Hong Zhang University of Alberta Edmonton, AL, Canada

for contributions to collective robotics and intelligent sensing in oil sand mining

Ji-Feng Zhang Academy of Mathematics and Systems Science Beijing, China

for contributions to parameter identification and adaptive control of stochastic systems

Wei-Xing Zheng University of Western Sydney Penrith, NSW, Australia

for contributions to signal processing and system identification

Shengli Zhou University of Connecticut Storrs, CT, USA

for contributions to wireless and underwater acoustic communications