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of the IEEE fields of interest. The accomplishments that are being honored
have contributed importantly to the advancement or application of engineering,
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Adekunleoao Adeyeye

Durham University
United Kingdom

for contributions to synthesis and characterization of magnetic nanostructures for low-power magnonic information processing applications

Ali Adibi

Georgia Institute of Technology
Georgia, USA

for contributions to integrated photonics and metaphotonics

Emmanuel B Agamloh

Baylor University
Texas, USA

for contributions to electric motor test procedures and efficiency standards

Mohammad A Al Faruque

University of California, Irvine
California, USA

for contributions to design automation of energy-efficient, secure embedded, and cyber-physical systems

Wahab Almuhtadi

Algonquin College
Ontario, Canada

for leadership in fostering industry-academia collaboration and advancing consumer technologies

Kaspar Althoefer

Queen Mary University of London
United Kingdom

for contributions to soft robotics and tactile perception with applications in complex environments

Christos Argyropoulos

Pennsylvania State University
Pennsylvania, USA

for contributions to the investigation of electromagnetic phenomena in metamaterials and nanophotonics

Tamim Asfour

Karlsruhe Institute of Technology
Germany

for contributions to humanoid mechatronics and cognitive humanoid robotics

Curtis L Ashton

American Power Systems, LLC
Colorado, USA

for leadership in expanding the breadth and impact of IEEE battery standards

Ramsey D Badawi

University of California, Davis
California, USA

for contributions to the development, implementation and application of total-body positron emission tomography

IEEE

Hakan Bagci

King Abdullah University of Science and Technology
Saudi Arabia

for contributions to computational electromagnetics

Xiang Bai

Huazhong University of Science and Technology
China

for contributions to document image processing and understanding

Michael D Bailey

Georgia Institute of Technology
Georgia, USA

for contributions to cybersecurity and internet measurement

Michael V Basin

Ningbo University of Technology
Mexico

for contributions to reliable and finite-time convergent control and estimation

Simone Bastioli

RS Microwave Company
New Jersey, USA

for his contributions to microwave filter concepts and topologies

Arindam Basu

City University of Hong Kong
Hong Kong

for fundamental contributions to neuromorphic edge processing and security primitives

Mikhail Belkin

Technical University of Munich
Germany

for contributions to mid-infrared and terahertz photonic technologies

Michael A Bender

Stony Brook University
New York, USA

for contributions to the theory of data structures and their application to storage systems

Lina Margareta Bertling

KTH Royal Institute of Technology
Sweden

for contributions to predictive maintenance models for power system reliability

Ricardo Bessa

INESC TEC
Portugal

for contributions to renewable energy forecasting and its integration into decision-aid tools

Igal Bilik

Ben-Gurion University of the Negev
Israel

for the development of automotive radar technology

Franco Blanchini

University of Udine
Italy

for contributions to control, set-invariance theory, switched systems and biochemical networks

Richard H Boivie

IBM
Connecticut, USA

for contributions to NSFNET and secure computing technology

Stefano Bomben

Ontario Power Generation
Ontario, Canada

for contributions to the development of assessment and repair methods for hydro generator windings

David A Borkholder

Rochester Institute of Technology
New York, USA

for foundational contributions to monitoring of human blast exposure in training and combat settings

Juergen Branke

University of Warwick
United Kingdom

for contributions to optimization in dynamic environments and multiobjective optimization

Christoph Bregler

Google
California, USA

for contributions to human motion analysis and deepfake technology for creative use and responsible safeguarding

Thomas D Burd

Advanced Micro Devices
California, USA

for contributions to energy-efficient and high-performance microprocessor design

Eric W Burger

Virginia Tech
Virginia, USA

for contributions to telecommunication policies with a focus on securing the next generation of networks

Rolando P Burgos

Virgina Tech
Virginia, USA

for contributions to high-power-density power electronics and stability of electronic power systems

Christoph Busch

Hochschule Darmstadt
Germany

for contributions to biometric image quality, template protection, and morphing attack detection

Stefano Buzzi

University of Cassino and Southern Latium
Italy

for contributions to 5G wireless network technologies and cell-free massive MIMO systems

Lin Cai

Illinois Institute of Technology
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for contributions to sustainable wireless communication and networking

Sabrina D Capitani Di Vimercati

University of Milan
Italy

for contributions to access control, security, and trust management

Sheelagh Carpendale

Simon Fraser University
British Columbia, Canada

for contributions to empowerment and engagement through interactive data visualization

Asli Celikyilmaz

Meta
Washington, USA

for contributions to conversational systems and language generation

Saikat Chakrabarti

Indian Institute of Technology, Kanpur
India

for contributions to power system state and parameter estimation and networked microgrid protection and control

Sudipto Chakraborty

IBM
Texas, USA

for contributions to ultra-low power circuits and systems

Rong N Chang

IBM
New York, USA

for leadership in enterprise-grade software service composition and management automation

Chih Chen

National Yang Ming Chiao Tung University
Taiwan

for contributions to electronic interconnects and packaging technology, including Cu/SiO2 hybrid bonding

Chunlin Chen

Nanjing University
China

for contributions to reinforcement learning and quantum learning systems

Liqun Chen

University of Surrey
United Kingdom

for contributions to applied cryptography, trusted computing and their standardization

Mou Chen

Nanjing University of Aeronautics and Astronautics
China

for contributions to intelligent control theory and applications of unmanned systems

Wanshi Chen

Apple
California, USA

for leadership in standardization of 4G and 5G communication systems

Xun Chen

University of Science and Technology of China, CAS
China

for contributions to brain signal denoising and multimodal image fusion

Yao-Bin Chen

Purdue University
Indiana, USA

for contributions to automated vehicle safety and vehicle electrification

Yiqiang Chen

Institute of Computing Technology, CAS
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for contributions to federated learning algorithms and standards for healthcare applications

Yousu Chen

Pacific Northwest National Laboratory
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for leadership in high-performance computing and decision support in power systems

Yunfei Chen

University of Durham
United Kingdom

for contributions to mathematical analysis and statistical signal processing for wireless communications systems

Chi Wai Chow

National Yang Ming Chiao Tung University
Taiwan

for contributions to optical wireless communications and visible light communications

Chia-Chi Chu

National Tsing Hua University
Taiwan

for contributions to distributed control and stability assessment in microgrids

David A Clausi

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for contributions to computer vision and machine learning for automated interpretation of remote sensing imagery

Edward I Cole

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New Mexico, USA

for leadership in microelectronics defect localization equipment, science, and techniques

Peng Cui

Tsinghua University
China

for contributions to network embedding and social behavioral modeling

Zoran D Cvetkovic

King's College London
United Kingdom

for contributions to the theory and applications of overcomplete expansions

Fabrizio Dabbene

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for contributions to control and optimization under probabilistic uncertainty

Jeffery E Dagle

Pacific Northwest National Laboratory
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for leadership in guiding the collaborative deployment of wide-area time-synchronized measurements for grid reliability

Zhi-Min Dang

Tsinghua University
China

for contributions to development of advanced dielectric polymer materials and devices

Debendra Das Sharma

Intel Corporation
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for leadership in establishing PCI-Express, CXL, and UCIe industry-standards, fostering innovation in computing

Rajib Datta

GE Vernova Advanced Research
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for contributions to high power conversion in industrial applications and DC architectures

Rami I Debouk

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for contributions to automotive functional safety concepts and standards

Rodrigo C Delamare

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for contributions to interference mitigation and reduced-rank techniques for wireless communications

Andrew G Dempster

University of New South Wales
Australia

for contributions to space engineering research and management

Fang Deng

Beijing Institute of Technology
China

for contributions to information processing, fault diagnosis, and self-sustainable energy supply within autonomous sensor networks

Rajesh P Deodhar

HiSpeed Ltd.
United Kingdom

for contributions to design and analysis of permanent-magnet electric machines

Robert Dick

University of Michigan
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for contributions to energy-efficient and memory-constrained embedded system design

Zhengtao Ding

University of Manchester
United Kingdom

for contribution to nonlinear and adaptive control with applications to multi-agent systems

Kutluyil Dogancay

University of South Australia
Australia

for contributions to adaptive signal processing and emitter localization

Marek Domanski

Poznan University of Technology
Poland

for contributions to video compression and its standardization

Lixin Dong

City University of Hong Kong
Hong Kong

for pioneering in nanorobotics and nanomanipulation and their applications

Florian Anton Dorfler

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for contributions to the control of power systems and data driven control

Marla L Dowell

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for contributions to laser metrology and standards for optics and photonics

Johan L Driesen

EnergyVille
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for contributions to the integration of renewables and electric vehicles in distribution grids

Zhaoyun Duan

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China

for contributions to the application of reverse Cherenkov radiation and metamaterials in vacuum electronic devices

Gregory Dudek

McGill University
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for contributions to algorithmic theory of robotics and marine robotics

Maeve C Duffy

University of Galway
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for contributions to advances in the modelling of planar magnetics and wireless power

Majid Ebrahim-Zadeh

ICFO-The Institute of Photonic Sciences
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for contributions to advancement of nonlinear frequency conversion and optical parametric oscillator technology

Denis V Efimov

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for contributions to control and estimation in nonlinear systems

Thomas Paul Ernst

CEA - Leti
France

for contributions to 3D stacked gate-all-around nanosheet and nanowire transistors

Jawad Faiz

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for contributions to electrical machines fault diagnosis and their modeling

Yuming Fang

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for contributions to visual saliency detection and perceptual quality assessment

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for contributions to technical leadership in scalable learning-based autonomy and foundation models

Yunsi Fei

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for contributions in side-channel analysis, protection of computing accelerators, and robust security evaluation

Gang Feng

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for Contributions to D2D Communications and Intelligent Resource Management in Wireless Networks

Rogerio S Feris

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for contributions to efficient multimedia analysis and applications

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for contributions to technologies for switched reluctance motors and DC Microgrids

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for contributions to modeling and exploration of advanced materials for electronic applications

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for leadership in microwave engineering education and workforce development

Leonid Fridman

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for contributions to sliding mode control theory

Haohuan Fu

Tsinghua University
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for contributions to scalable high-performance computing and large-scale scientific data analysis

Hideo Fujikake

Tohoku University
Japan

for contributions to human-friendly electronic displays

Jing Gao

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for contributions to addressing the multifaceted challenges of big data analytics

Wei Gao

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for contributions to wearable biosensors enabling real-time, non-invasive molecular health monitoring and personalized medicine

Giancarlo G Gavioli

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for seminal contributions to signal processing for high-speed optical transmission systems

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for contributions to the design of CMOS electrochemical lab-on-a-chip diagnostics

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for contributions to substrate integrated waveguide technologies

Mikael Gidlund

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for contributions to reliable wireless connectivity for the Industrial Internet of Things

Noel C. Giebink

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for contributions to the understanding of organic semiconductors leading to long-lived LEDs and solar cells

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for contributions to test methods and defect detection in semiconductor advanced packaging systems

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for contributions to RF acoustic wave device research and commercialization

Xun Gong

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for contributions to integration of high-Q filters and antennas and their applications

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for contributions to the modelling and applications of electromagnetic metasurfaces for space applications

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for contributions to vehicular communications and networks

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for contributions to microwave biological sensing and its application to healthcare

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for contributions to signal processing and trust in secure communication systems

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for contributions to magnetic and superconducting complex oxide films for electronic device applications

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for contributions to learning-based decision making and optimal resource management in low-latency wireless networks

Makoto Hagiwara

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for contributions to control and applications of multilevel converters

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for contributions to the advancement of nanoscale vacuum electronics and three-dimensional dynamic memory architecture

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for contributions to energy access in rural areas, grid modernization and resiliency

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for contributions to the understanding of cavitation, sonothrombolysis, ultrasound-mediated drug, and bioactive gas delivery

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for contributions to emerging nonvolatile memory technology and neuromorphic computing

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for contributions to theory and decision support tools for power system restoration

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for contributions to battery modelling, diagnostics, and management

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for contributions to integrated neuromorphic optoelectronic devices and artificial micro-nano structure enhanced infrared detectors

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for contributions to algorithms, architectures, and standardization of video coding technology

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for leadership and contributions to hardware emulation and prototyping

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for contributions to indoor localization and sensing, and physics-inspired wireless network design

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for contributions to algorithms and systems development of memory and storage management

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for contributions to optimization-driven control and translating research into startups for aerospace and maritime autonomy

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for leadership in heat-assisted magnetic recording media development

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for contributions to mobile crowdsourcing and blockchains for IoT

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for contributions to objective video quality metrics, streaming video quality optimization, and their real-world applications

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for contributions to theory of dynamic voltage scaling and automation of standard cell generation

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for contributions to modeling and analysis of dual active bridge converters and switched capacitor converters

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for contributions to improving the security of computer software, systems, and networks

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for contributions to energy efficiency and security in the internet of things

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for contributions to low-power SRAM and compute-in-memory circuit technologies

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for technical leadership and contributions to the development of UHVDC Projects and to accelerate Standardization

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for development of software tutors for programming

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for Contributions to Self-Reflective Adaptive Systems for Industrial Applications

Ercan Kuruoglu

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for contributions to non-Gaussian signal processing

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for pioneering contributions to memristive device modeling and in-memory processing

Chiman Kwan

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for contributions to intelligent control and monitoring of nonlinear industrial systems

Dong Soo Kwon

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for contributions to medical robotics, haptics, and minimally invasive surgical technologies

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for contributions to secure and spectrally efficient wireless communication systems

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for contributions to the theory of network optimization

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for contributions to the study of interharmonics, voltage fluctuations, and light-flicker for power systems

James L Lansford

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for leadership in wireless standards and wireless coexistence

Daniel L Lau

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for contributions to digital printing and 3D imaging

Jiun-Haw Lee

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for contributions to the development of blue organic light-emitting diodes

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for contributions to combinatorial methods in software testing and their applications

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for contributions to electrical impedance tomography and unobtrusive monitoring of vital signs

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for contributions to protection and fault ride-through technologies of hybrid AC and DC systems

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for contributions to the theory and practice of perception and decision-making computing of intelligent systems

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for contributions to control, learning, and optimization and applications to energy and biomedical systems

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for contributions to neural networks for intelligent system modeling, learning and optimization

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for contributions to operation control and energy management of grid battery energy storage systems

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for contributions to remote sensing experiments and multi-source remote sensing data assimilation

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for contributions to energy conservation and topology control in wireless networks

Jing Liang

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for contributions to evolutionary computation for complex optimization and its real-world applications

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for contribution to resource allocation and optimization in edge computing and wireless networks

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for contributions to protection of power systems and analysis of electrical submersible pump systems

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for contributions to IoT Communication and Data Security

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for innovative contributions in designing power semiconductor devices and integrated circuits for power electronic applications

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for contributions to resilient ultrawideband and MIMO wireless communications in contested and congested environments

Chih-Lung Lin

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for contributions to electronic devices in display technology and thin-film circuit design

Antonio Liscidini

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for contributions to circuit design for wireless communication radios

Natalia Litchinitser

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for contributions to antiresonant photonic-crystalfibers and structured light engineering

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for contributions to AI-enabled Vehicular Crowdsensing and Internet-of-Things Networking

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for contributions to intelligent transportation systems and automated vehicles

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for contributions to multi-modal embodied perception and learning

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for contributions to massive machine-type communications and wireless information and power transfer

Ming Liu

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for contributions to mobile robotic navigation

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for contributions to deep learning model compression and video coding algorithms in computer systems

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for contributions to the methodology and application of machine learning and data mining

Tian Hong Loh

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for contributions to OTA measurement techniques and pattern-reconfigurable antenna systems

Tom H. Luan

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for contributions to vehicular networking and service applications

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for contributions to substrate integrated frequency-selective surfaces and slot antennas

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for leadership in enhancing large-scale grid reliability assessment

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for contributions to low-power wake-up radios and energy harvesting for smart sensors

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for contributions to neuro-engineering and neural interfaces

Durga P Malladi

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for contributions to small cells heterogenous networks and 5G millimeter wave cellular communications

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for contributions to fingerprint biometric recognition

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for contributions to RFID-enabled sensing and bio-integrated wireless systems

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for contributions in the planning and design of power systems with inverter-based resources

Brendan P McGrath

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for contributions to multi-level converter modulation and controller synthesis for closed-loop converter operation

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for contributions to time-variant radio channel characterization and sparsity-inspired sensor array processing

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for contributions to optical fibre manufacturing and optical sensing

Mahesh K Mishra

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for design, development and control of custom power devices and microgrid systems

John E Mitchell

University College London
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for contributions to innovative interdisciplinary curricula and engineering education research

Prateek Mittal

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for contributions to privacy-preserving and secure systems, including creating societal impact

Ingrid Moerman

Ghent University
Belgium

for contributions to experiment-driven wireless research

Pedram Mohseni

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KTH Royal Institute of Technology
Sweden

for pioneering machine learning use in code assistance and program repair, impacting millions of developers

Mohammad Mozaffari

Ericsson
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for contributions to design and analysis of airborne communications and energy-efficient Internet of Things

Gi-Joon Nam

IBM
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for contributions to VLSI designs and design methodology research and development

Tien N Nguyen

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for contributions to synergizing program analysis and artificial intelligence for effective automated software engineering

Frank Nielsen

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for contributions to geometric information theory and information measures

Kathryn R Nightingale

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for development, commercialization, and clinical translation of non-invasive ultrasound elasticity imaging technology

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for contributions to security, perception and communication for mobile computing

Taku Noda

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for development of innovative methods for power system transient simulation

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for contributions to the development of multi-sensor vehicular positioning and navigation technologies

Michael Francis O'Boyle

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for contributions to machine learning based compilation and parallelization

Tetsuya Ogata

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for contributions to cognitive developmental robotics and deep predictive learning

Yusuke Oike

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for contributions to CMOS image sensors with stacked device technologies

Teruo Ono

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for contributions to current-induced spin-dynamics of non-collinear spin structures

Simona Onori

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for contributions to energy systems modeling, control, and optimization

Leif Katsuo Oxenloewe

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for contributions to optical communications and information processing using nonlinear and quantum photonics

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for fundamental contributions to control and identification of cyber-physical and hybrid systems

Majid Pahlevaninezhad

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for development of digital control techniques in high-frequency power conversion

Yong Mei Pan

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for contributions to dielectric resonator and filtering antennas

Joseph A Paradiso

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for contributions to wearable wireless sensing and mobile energy harvesting

Jung-Wook Park

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for contributions to integration of renewable energy resources in power systems and experimental verification

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for leadership in monitoring, diagnostics and standards for power transformers

Vishal M Patel

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for contributions to image processing, computer vision and biometrics

Katherine J Pearsall

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for technical leadership to the electronics packaging industry in the area of supply chain management

Klaus I Pedersen

Aalborg University
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for contributions to radio resource management research for cellular systems

Yuxin Peng

Peking University
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for contributions to cross-media analytical systems and fine-grained visual recognition

Nicholas A. Peppas

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for contributions to engineering design, modeling, and optimization of therapeutic delivery agents

Haim Permuter

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for contributions to understanding the capacity of channels with feedback and multi-user information theory

Etienne F Perret

Idyllic Technology
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for contributions to radar backscatter communication and sensing based on chipless radio frequency identification technology

Boris Pervan

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for contributions to satellite navigation integrity

Angel V Peterchev

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for contributions to device development and modeling for electromagnetic brain stimulation

Benedetto Piccoli

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for contributions to hyperbolic PDEs, optimal control, and hybrid systems for traffic problems

Ada Shuk Yan Poon

Stanford University
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for contributions to wireless power transfer and implantable devices

Feng Qiu

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for contributions to computing algorithms for grid operations and resilience planning

Rong Qu

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for contributions to automated evolutionary algorithms in combinatorial optimisation

Boaz Rafaely

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for contributions to spherical array signal processing, advancing spatial audio and acoustic analysis

Sridhar Rajagopal

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for contributions to the development and standardization of Open Radio Access Networks and mmWave communications

Eva Rajo-Iglesias

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for contributions to artificial surfaces and their impact on gap waveguide technology for millimeter waves

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Jian Ren

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for contributions to cyber security and privacy

Alejandro R Ribeiro

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for contributions to theory and practice of graph signal processing and graph neural networks

Yong Man Ro

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for contributions to Human-Centered Multimodal Signal Processing

Roberto Sabatini

Khalifa University of Science and Technology
United Arab Emirates

for leadership in digital avionics for sustainability and trusted autonomy

Amit Sahai

University of California, Los Angeles
California, USA

for contributions to cryptography, obfuscation and attribute-based encryption

Saleh A Saleh

University of New Brunswick
New Brunswick, Canada

for contributions to the implementation and operation of wavelet-modulated power electronic converters

Miriam P Sanders

Schweitzer Engineering Laboratories
North Carolina, USA

for contributions to power system protection and communications

Saeed Sanei

Imperial College London
United Kingdom

for contributions to signal processing for neuroscience

George A Saon

IBM
New York, USA

for contributions to automatic speech recognition

Jafar Savoj

Apple
California, USA

for contributions to the design of high-speed wireline transceiver circuits and systems

Konrad Schindler

ETH Zurich
Switzerland

for contributions to computer vision and artificial intelligence in photogrammetry and remote sensing

Stephan Schlamminger

National Institute of Standards and Technology (NIST)
Maryland, USA

for contributions to determining the Planck constant, enabling the 2019 redefinition of the SI

Thomas R Schneider

National Renewable Energy Laboratory
Virginia, USA

for contributions to energy policy and leadership in advancing energy storage for grid applications

Wei Sha

Zhejiang University
China

for contributions to computational nano and quantum electromagnetics

Shahriar Shahramian

Nokia Bell Labs
New Jersey, USA

for the development of millimeter-wave phased-arrays and D-band communication links

Jie Shan

Purdue University
Indiana, USA

for contributions to advanced lidar analytics and technologies

Huiling Shang

Taiwan Semiconductor Manufacturing Company
New York, USA

for leadership in high mobility SiGe channel FinFET and gate-all-around CMOS technology

Farhana Sheikh

Altera, An Intel Company
Oregon, USA

for contributions to digital signal processing and 2.5D/3D heterogeneous integration

Chao Shen

Xi'an Jiaotong University
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for contributions to theory and industrial applications of intelligent system control and security

Xipeng Shen

North Carolina State University
North Carolina, USA

for contributions to dynamic optimizations and compiler technologies in heterogeneous computing

Yuanchun Shi

Tsinghua University
China

for contributions to research in natural human-computer interaction, and interdisciplinary IT-driven innovation

Hyungbo Shim

Seoul National University
Korea, Republic of

for contributions to control theory on multi-agent systems and disturbance observers

Mayank Shrivastava

Indian Institute of Science Bangalore
India

for contributions to Silicon high-voltage/ESD devices and to advanced GaN & 2D material-based transistor technologies

Ozgur Sinanoglu

New York University, Abu Dhabi
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for contributions to design-for-trust and to hardware security

Somayeh Sojoudi

University of California, Berkeley
California, USA

for contributions to optimization and learning techniques for complex systems

Kee B Song

Samsung Semicondutor
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Viji Srinivasan

IBM
New York, USA

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Jan Stake

Chalmers University of Technology
Sweden

for contributions to the advancement of Terahertz Technologies

Goran Strbac

Imperial College London
United Kingdom

for contributions to power system modeling and distributed energy resource management towards decarbonization

Deqing Sun

Google
Massachusetts, USA

for contributions to computer vision, particularly optical flow and its applications

Berk Sunar

Worcester Polytechnic University
Massachusetts, USA

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Paul Svasta

Politehnica University of Bucharest
Romania

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Japan

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Koki Takanashi

Japan Atomic Energy Agency
Japan

for contribution to materials research for spintronics based on ordered alloys

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Purdue University
Indiana, USA

for contributions to software text analytics, software-AI synergy, and software reliability

Huajin Tang

Zhejiang University
China

for contributions to brain-inspired computing and machine cognition

Ming-Chun Tang

Chongqing University
China

for contributions to the realization of multifunctional electrically small Huygens dipole antennas and filtennas

Ying Tang

Rowan University
New Jersey, USA

for contributions to modeling and control of manufacturing and low-carbon manufacturing systems for sustainable development

Mallik Tatipamula

Ericsson
California, USA

for leadership in advancing 5G networks and fostering adoption through public-private partnerships

Brian Telfer

Massachusetts Institute of Technology
Massachusetts, USA

for contributions to machine learning and signal processing for radar and biomedical engineering

Aaron Thean

National University of Singapore
Singapore

for leadership in logic transistor innovations in non-silicon channels and non-planar device technologies

Chao Tian

Texas A&M University
Texas, USA

for contributions to machine-based converse proof, coding for data storage, and joint source-channel coding

Chuan-Kang Ting

National Tsing Hua University
Taiwan

for contributions to memetic computing and evolutionary music composition

Meisong Tong

Technical University of Munich
Germany

for contributions to computational electromagnetics

Roland Toth

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for contributions to linear parameter-varying modeling, identification, and control

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Marvell Semiconductor, Inc.
California, USA

for leadership in design and commercialization of wireless and wireline data communication systems

Abhisek Ukil

University of Auckland
New Zealand

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Mehmet Ulema

Manhattan University
New York, USA

for leadership in the design and management of communication network architectures and protocols

Manuel Vazquez

Spanish National Research Council
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for contributions to understanding the magnetism of cylindrical nanowires and microwires

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for contributions to an integrated microarchitecture-circuit approach for low-power high-performance computer architectures

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Yale University
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for contributions to algorithms, optimization, and fairness in decision-making

Leo D Vreede

Delft University of Technology
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for contributions to mixed-signal high frequency device characterization and digitally assisted wireless transmitters

Han Wang

University of Hong Kong
Hong Kong

for contributions to 2D transistors technology

Haohong Wang

TCL Technology
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for leadership in multimedia content generation, processing, and streaming

Hua Wang

Victoria University
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for contributions to evolutionary computation algorithms for data quality and applications

Jintao Wang

Tsinghua University
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for contributions to system design for high throughput digital multimedia broadcasting

Qijie Wang

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for contributions to the photonic engineering of mid-infrared and terahertz semiconductor lasers and detectors

Shiqiang Wang

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for contributions to standardization and application of large-scale renewable energy grid integration

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for contributions to audio classification, generation and source separation

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for contributions to the development and clinical applications of photoacoustic imaging and therapeutic technologies

Zhaoyu Wang

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for contributions to conservation voltage reduction and networked microgrids in electric power distribution systems

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for contributions to medical robotics, haptics, and minimally invasive surgical technologies

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for contributions to gate dielectric breakdown in semiconductor devices and standards

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Aalto University
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for contributions to the physical layer of wireless communication systems

Michele A Wigger

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for contributions to feedback communication and caching

Paul Wilcox

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for contributions to ultrasonic methods of nondestructive evaluation and structural health monitoring

Rafal Wisniewski

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for contributions to control theory and its industrial applications

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for contributions to terahertz metasurfaces, antennas, and integrated systems for sensing and communications

Thomas T Y Wong

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for contributions to high-frequency electronics and materials characterization

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for contributions to resistive random-access memory and compute-in-memory technologies

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for contributions to wireless signal processing and edge computing

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for contributions to theory and applications of human-machine systems

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for contributions to high-efficincy visible LEDs and low damage microLED for microdisplay applications

Feng Xia

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for contributions to graph learning and networked cyber-physical systems

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for contributions to mobile and wireless computing for human health

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for contributions to performance optimization of non-volatile-memory storage systems

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for contributions to cross-layer design methodologies in memory hierarchy and computing-in-memory systems

Christopher C Yang

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for contributions to artificial intelligence in healthcare informatics

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De Montfort University
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for contributions to motion control for robotics and semiconductor manufacturing

Jerald Yoo

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for contribution to Biomedical Circuits and Systems and Body-Area Network

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for contributions to superconducting single-photon detectors and applications in quantum information

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for contributions to computational photonics

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for contributions to reconfigurable intelligent surface and Bayesian inference technologies for wireless communications

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for contributions to analysis, modeling and design of heterojunction bipolar transistors and circuits

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for contributions to analyzing software and its development process

Chengqi Zhang

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for contributions to graph neural networks and time series analysis

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for contributions to intelligent cooperative control of unmanned surface vehicle systems in marine industrial applications

Hongyu Zhang

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for contributions to intelligent software development and fault management

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for contributions to optimized computation and intelligent planning in robotics

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for contributions to wireless access and resource management in vehicular and space-air-ground integrated networks

Jianying Zhou

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for contributions to applied cryptography and cyber-physical system security

Jun Zhou

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for contributions to hyperspectral data processing and analysis

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for contributions in Model-Based Adaptive Systems Engineering with particular impact to aerospace industry

Jianguo Zhu

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for contributions to the advanced system-level optimal design of electrical machines and drive systems

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