IEEE SA STANDARDS ASSOCIATION

2024

# AWARDS CEREMONY

IEEE

Congratulations to the IEEE SA 2024 award recipients for sharing their knowledge and expertise, reaching in with dedication and perseverance to find the best solutions, and always aspiring to raise the world's standards.

# IEEE SA MISSION STATEMENT

Provide a high-quality, market-relevant standardization environment, respected worldwide.

# 2024 IEEE SA Awards Ceremony Program

**Welcoming Remarks**

James E. Matthews III, President, IEEE Standards Association
Yatin Trivedi, Chair, IEEE Standards Association Awards & Recognition Committee

**2024 Awards Honorees**

# IEEE SA STANDARDS MEDALLION


The IEEE SA Standards Medallion is awarded for outstanding achievement in the development and implementation of standards in electrotechnology. Recipients are selected solely on the basis of their accomplishments in standards work. They need not be members of IEEE, and their contributions may be to standards of other national and international standardization bodies, provided such standards are in the field of electrical and electronics engineering and constitute a significant contribution to the profession.

Recognition consists of a certificate as well as an IEEE SA Standards Medallion and engraved brass plate affixed to a marble paperweight.

# Past Recipients

2023
Jyotika Athavale
Alla Deronja
Eddie Forouzan
Joel Goergen
Chad Jones
John Jendzurski
Elizabeth Kochuparambil
Rui Li
Douglas M. Logan
John Haiying Lu
Kent Lusted
Sergio Rapuano
Kate A. Remley
Michael Dean Sigmon Sr.
Torbjørn Skauli
Günter Steindl
Karla Trost
Miao Wang

2022
Stephen Antosz
Sara R. Biyabani
Matt Brown
Cheng-Jen (Allen) Chen
Paul T. Congdon
Jeffrey A. Fordham
Ruth Lewis
Adam W Ley
Gary Nicholl
Mark Nowell
Yonghong Tian
Gary Touryan

2021
Bob Aiello
Edward Au
Matthew J. Butcher
Geoffrey Garner
S. Michael Gayle
Marc Holness
Peter Zollman

2020
János Farkas
Wenpeng Luan
Thomas A. Prevost
Peter Reid Wilson

2019
Doug Edwards
Kirsten Matheus
Pratap Mysore
Jeff Rearick
Duane Remein
Craig Schlenoff
James Edward Smith

2018
David Chalupsky
Roy D. Cideciyan
Paul R. Croll
Alan Flatman
Rich Kennedy
Bernard Metzler
Stephen Shull

2017
Mark Adamiak
Alfred Asterjadhi
Jeffrey A. Burnworth
Carlos Cordeiro
Benjamin Cotts
Chengwei Dai
Victor Huang
Charles W. Johnson, Jr.
Glen Kramer
Leonardo Lima
Richard Mellitz
Bertrand Poulin
George Zimmerman

2016
Bruce B. Barrow
Kerry Blinco
Ted A. Burse
Carole C. Carey
Sudhakar E. Cherukupalli
Robert S. Fish
James R. Frysinger
Anthony Ki Cheong Ho
Abhay Karandikar
Brad Lehman
Michael J. Thompson
Mehmet Ulema
Michael W. Wactor
C.T. (Tim) Wall
Jan J. Wittenber

2015
William J. Bergman
Alfred Crouch
Chris DiMinico
Vinko Erceg
Alexander D. Gelman
Stephen Haddock
Apurva N. Mody
Paul S. Schluter

2014
Pete Anslow
Malcolm Clark
Jean-Philippe Faure
Norman Finn
Lowell Johnson
Jim LeClare
Ken Martin
Brian Reinhold
David Stone
Philip Winston

2013
Hanna Abdallah
Mike Bennett
Kenneth Brown
Christopher Clark
John D'Ambrosia
Wael Diab
Ramsis Girgis
Adam Healey
Oleg Logvinov
Albert Martin
Robin Tasker
James Wilson

2012
Douglas P. Bogia
Michael Champagne
Philip J. Hopkinson
James Liming
Robert S. Nowell
Purva R. Rajkotia
Anne-Marie Sahazizian
Adrian P. Stephens

2011
Tom Alderton
Thomas Basso
Jeffrey G. Gilbert
Connie Komomua
John E. Merando, Jr.
Michael Seavey
Frank Waterer

2010
James D. Allen
Percy E. Pool

2009
John L. (Jack) Cole
Guido Guertler
Michael Johas Teener

2008
Don O. Koval
Elliot Rappaport
Donald A. Voltz

**IEEE SA STANDARDS MEDALLION**

## Doug Arnold

**RECOGNITION**

For exceptional leadership and contributions to the development of IEEE standards for time synchronization in networks

**HIGHLIGHTS**

Doug Arnold is a Principal Technologist at Meinberg USA. His duties include standards development, technical marketing, and pre-sales support. He is currently Chair of the IEEE 1588 Working Group, Chair of the ISPCS PTP Plugfest Committee, Technical Editor of IEEE P1952, Technical Editor of IEEE P3335, co-author of the IETF draft Enterprise Profile for PTP, and author of the *Five Minute Facts About Packet Timing* blog. He has more than 20 years of experience designing and specifying precise timing technology. Doug holds a PhD in electrical engineering from the University of Illinois.

**IEEE SA STANDARDS MEDALLION**

## Stephen Balakirsky

**RECOGNITION**

For outstanding leadership on IEEE standards for robotics and automation

**HIGHLIGHTS**

Stephen Balakirsky is a Regents' Researcher with the University System of Georgia, the Chief Scientist for the Aerospace, Transportation & Advanced Systems Laboratory at the Georgia Tech Research Institute (GTRI), and the Director of Technical Initiatives at the Petit Institute for Bioengineering and Bioscience at the Georgia Institute of Technology. He is also the Chair of the IEEE Robotics and Automation Society's working group, which has recently created a new international standard on robotic tasking (IEEE RAS 1872.1).

Stephen's research interests include robotic architectures, planning, bio-automation, robotic standards, and autonomous systems testing. His work in knowledge driven robotics couples real-time sensors and knowledge repositories to allow for flexibility and agility in robotic systems ranging from assembly and manufacturing systems to surveillance and logistics systems. His framework promotes software reuse and the ability to detect and correct for execution errors.

**IEEE SA STANDARDS MEDALLION**

## Robert V. Binder

**RECOGNITION**

For outstanding contributions to standardized analysis and measurement of software dependability, reliability, availability, supportability, and recoverability

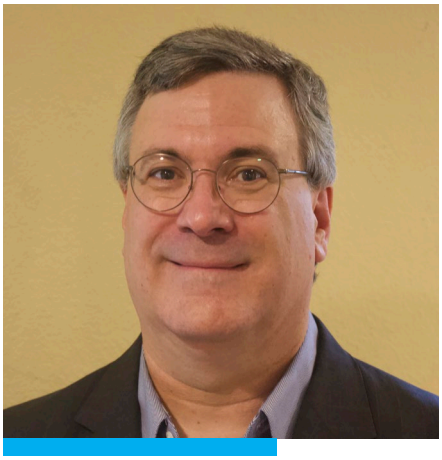
**HIGHLIGHTS**

Robert V. Binder is a Consulting Software Engineer at RBSC Corporation, providing technology assessment and transformation for critical software. With more than 50 years of hands-on experience, he has been a pioneering architect, developer, and tester for systems across diverse industries, including capital markets, healthcare, aerospace, energy, and government.

Widely regarded as an expert in advanced automated software testing, Robert is recognized for his innovative contributions to software engineering and disruptive entrepreneurial ventures. His insights have made him a sought-after keynote speaker, and he has authored seminal books and numerous peer-reviewed articles that continue to shape the field. He writes a regular column for *IEEE Reliability Magazine* and serves on its editorial board.

Robert holds a BA and MBA from the University of Chicago, along with an MS in electrical engineering and computer science from the University of Illinois at Chicago. He is an IEEE Life Senior Member recognized in 2021 as a distinguished contributor of the IEEE Computer Society. His leadership roles include serving as the chair of IEEE Working Group P982 and as principal author of the forthcoming IEEE Standard 982-2024 for software dependability.

**IEEE SA STANDARDS MEDALLION**



## Rodney Cummings

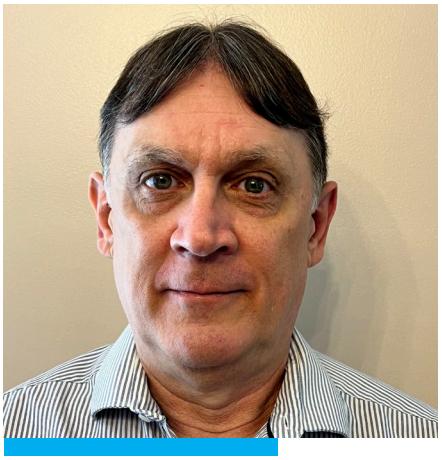
**RECOGNITION**

For exceptional leadership and contributions to the development of IEEE standards for time synchronization in networks

**HIGHLIGHTS**

Rodney Cummings is a Timing Architect at Keysight Technologies, with a focus on Ethernet technologies for time synchronization. He is Vice Chair of the IEEE 1588 Working Group, and he has worked on a variety of standards for time sync in IEEE 802.1, IETF, ITU-T, and O-RAN. He received his bachelor's degree in computer science from the University of Texas at Austin in 1990.

**IEEE SA STANDARDS MEDALLION**



## Randall K. Curey

**RECOGNITION**

For leadership and contributions to the development of inertial sensor and system standards, as well as standards for quantities, units, and symbols

**HIGHLIGHTS**

Randall (Randy) K. Curey is a Consulting Systems Engineer at Northrop Grumman where he is responsible for designing, specifying, simulating, and integrating inertial systems. These systems use various gyro and accelerometer technologies including traditional, laser, fiber-optic, and micro-mechanical sensors. Over his 40-plus year career, Randy contributed to many key navigation products of which many thousands are in use throughout the world.

Randy's inertial system engineering background allowed him to contribute to both inertial and quantities, units, and symbols related standards. He has been actively involved in standards development since 2001 and was the chair of the AESS Gyro and Accelerometer Panel for 20 years. He oversaw the development and maintenance of 15 different IEEE Standards addressing terminology, specification formats, and test procedures for inertial sensors and systems. He chaired the QUSCom working groups for IEEE Std 280 and 260.1 and is currently the chair of the IEEE Std 260.3 working group.

Randy holds a BS in electrical engineering from Valparaiso University and a MS in engineering management from California State University of Northridge. He received the Northrop Grumman President's Leadership Award in 2004, the Engineer's Council Distinguished Engineering Achievement Award in 2011, the Northrop Grumman Simon Ramo Award in 2017, and the Engineer's Council Distinguished Engineering Project Achievement Award in 2014 and 2019.

**IEEE SA STANDARDS MEDALLION**

## Justin Dobbins

**RECOGNITION**

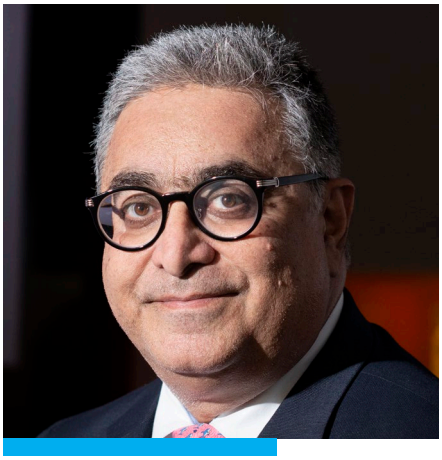
For outstanding technical input during the revision of IEEE 149-2021

**HIGHLIGHTS**

Justin Dobbins is a Senior Technical Fellow at Raytheon, where he is responsible for design, development, testing, and integration of advanced antenna and radome products. He received his BS and MS degrees in electrical engineering from The University of Texas at Austin. While pursuing his MSEE, he was a research assistant at UT's Applied Research Laboratories where he designed, built, and tested a novel electrically small VHF antenna. Justin went on to work in the antenna group at NASA Johnson Space Center where he completed a broad variety of both space and commercial projects.

In 2006, Justin joined Raytheon where he was initially part of design teams for both radar seeker and conformal antenna products. He went on to serve as a section lead for antenna design engineers, and in 2008 he became lead engineer for multiple advanced antenna and radome measurement facilities that Raytheon constructed to support products operating over a broad application space. In 2017, Justin was named the Lead Technologist for antennas and RF radomes at Raytheon's heritage Missile Systems business unit, and he continues to serve in the same capacity today for RTX. Despite this product technology oversight role, Justin maintains a strong involvement as a subject matter expert in all aspects of Raytheon antenna and radome measurements. He is an IEEE Member and an AMTA Fellow.

**IEEE SA STANDARDS MEDALLION**



## Touradj Ebrahimi

**RECOGNITION**

For leadership and contributions to the next-generation JPEG standards: JPEG XS, JPEG XL, JPEG AI, JPEG Trust, JPEG DNA, and JPEG XE

**HIGHLIGHTS**

Touradj Ebrahimi is a Professor at École Polytechnique Fédérale de Lausanne (EPFL). Since 2014, he has been the Convenor of the JPEG Committee which has produced a family of standards that have revolutionized the imaging world. He represents Switzerland as the head of its delegation to JTC1 (in charge of standardization of information technology in ISO and IEC) and SC29 (the body overseeing JPEG and MPEG standardization). He is a member of ITU and is the main representative of EPFL.

Touradj is also involved in Ecma International as a member of its ExeCom. He is a consultant, evaluator, and expert for the European Commission and other governmental funding agencies in Europe. He advises several venture capital companies in Switzerland in their scientific and technical audits. He has founded several startup and spinoff companies in the past two decades, including, most recently, RayShaper SA, a research startup company based in Crans-Montana, Switzerland, involved in AI-powered multimedia.

His areas of interest include image and video compression, media security, quality of experience in multimedia, and AI-based image and video processing and analysis. Touradj is a Fellow of the IEEE, SPIE, EURASIP and AAIA and has been recipient of several awards and distinctions, including an IEEE Star Innovator Award in Multimedia, an Emmy Award on behalf of JPEG, and the SMPTE Progress Medal.

**IEEE SA STANDARDS MEDALLION**

## Keith Flowers

**RECOGNITION**

For leadership in the creation of process innovations for the evaluation and acceptance of standards projects initiated externally of a Standards Committee

**HIGHLIGHTS**

Keith Flowers is the Global Senior Key Expert in System Behavior and Applications for Siemens Industry, Inc. Throughout his 29-year career with Siemens, he has had assignments in product management, manufacturing, and quality, but the bulk of his career has revolved around innovation, and application of those innovations in emerging markets. Keith has four patents on arc-fault mitigation and low-voltage circuit breaker applications, and has authored dozens of whitepapers and technical reports.

Above all, Keith has a passion for industry standards. As Senior Member of IEEE, he has been an active participant for more than twenty years including leadership roles within the IEEE Power and Energy Society (PES). His contributions include serving successive terms as the PES Switchgear Standards Committee secretary, treasurer, vice-chair, and chair. He has also held positions as the chair of the PES Switchgear Committee Low-Voltage Switchgear Devices Subcommittee and the PES Switchgear Committee External Projects Approval Group, as well as the PES Switchgear Committee Standards coordinator. In addition, Keith has served on the PES Technical Council and various PES Technical Committees.

Keith currently holds various leadership roles within the IEEE Technical Activities Board Committee on Standards and serves as current Chair of the IEEE Quantities, Units, and Symbols Standards Committee. Keith has also chaired a number of IEEE Standards, as well as mentored dozens more. Outside of IEEE, Keith contributes to ANSI, CSA, IEC, NEMA, and UL standards.

**IEEE SA STANDARDS MEDALLION**

## Jon Lewis

**RECOGNITION**

For exceptional leadership and contributions to the development of IEEE 802.3 Ethernet standards

**HIGHLIGHTS**

Jon Lewis is a Senior Distinguished Engineer at Dell Technologies, specializing in server communications. With a decade of active involvement in IEEE 802.3 standards work, Jon has been heavily engaged in the development and implementation of Ethernet standards. For the past five years, he has served as the Recording Secretary for the 802.3 Working Group.

At Dell Technologies, Jon is directly involved in specifying and introducing the physical layer connectivity ports found on their servers, networking, storage, and laptop solutions. He has focused on interconnect technologies including Ethernet, PCIe, InfiniBand, and Fibre Channel. Prior to joining Dell in 2002, Jon worked for Alcatel Network Systems, where he focused on telecommunications systems communication and control. His industry technical involvement also includes a position on the PCI Sig Board of Directors and active involvement in Open Compute Platform standards development.

Jon holds both a BS and an MS in electrical engineering from Louisiana Tech University.

**IEEE SA STANDARDS MEDALLION**

## Dan Mulkey

**RECOGNITION**

For sustained leadership and contributions to the development of distribution transformer standards

**HIGHLIGHTS**

Dan Mulkey has more than 9 years of experience providing expert witness and product consulting services in electric power systems. Prior to that, Dan had more than 40 years of experience at PG&E in designing, maintaining, and operating electric power distribution systems, including 30 years of experience as PG&E's system expert for various types of electrical equipment including distribution transformers. He also has extensive national and international experience through the IEEE Power and Energy Society (PES) Transformers Committee.

An IEEE Lifetime Senior Member, Dan first participated in the ANSI C57 Subcommittee working group on network protectors and submersible transformers. In 1991, this subcommittee was absorbed into an expanded IEEE PES Transformers Committee, where Dan presently serves as Chair of the Enclosure Integrity Working Group, and has served in many other positions, including as the chair of the Submersible Transformers and Network Protectors Subcommittee.

**IEEE SA STANDARDS MEDALLION**

## Manish Patel

**RECOGNITION**

For consistently exceptional leadership of IEEE 2800 and related efforts to maintain power system reliability during the transition to high levels of inverter-based resources

**HIGHLIGHTS**

Manish Patel is a Technical Executive in the Transmission Operations and Planning Group of the Power Delivery and Utilization Sector at the Electric Power Research Institute (EPRI). He joined EPRI in April 2024 after more than 17 years of experience in protection & control and transmission planning with Southern Company.

He is an active member of the IEEE Power and Energy Society Power System Relaying and Control Committee, where he participates in many working groups and serves as a Vice-Chair of the System Protection Subcommittee. He was a vice-chair of the IEEE 2800 Working Group, and currently serves as Secretary of the IEEE P2800.2 Working Group. Manish has extensive knowledge of various NERC standards and has served on various NERC standard drafting teams. His research interests include system protection and transmission planning with a focus on integration of inverter-based resources.

Manish received a BE from B.V.M Engineering College in India in 2000 and a PhD from Clemson University in 2009, both in electrical engineering. Manish is a Senior Member of IEEE and a registered Professional Engineer in the state of Alabama.

**IEEE SA STANDARDS MEDALLION**

## Rubén Pérez - Aranda

**RECOGNITION**

For key technical contributions in the development of optical Ethernet physical layers and test methods for automotive applications

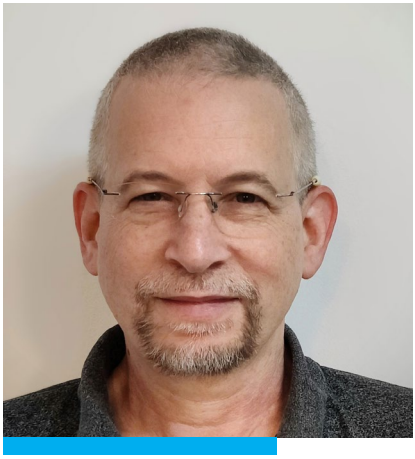
**HIGHLIGHTS**

Rubén Pérez-Aranda is the Co-founder and CTO of KD. He has more than 20 years of experience leading R&D projects focused on innovation in digital communication systems, spanning from information theory-based research to IC qualification and production. His expertise encompasses electronics, photonics, optics, test and modeling, communication channels, error-correcting codes, advanced modulation schemes, channel equalization, synchronization and timing recovery algorithms, signal integrity, and electromagnetic compatibility. He is also a co-inventor of 10 patents.

Rubén served as the comments editor and editor-in-chief for the Gigabit Ethernet over Plastic Optical Fiber standard (IEEE Std 802.3bv) and was a key contributor to the development of the Multi-Gigabit Optical Automotive Ethernet standard (IEEE Std 802.3cz).

He is an IEEE Senior Member and holds a degree in industrial engineering, specializing in electronics and automatic control (with honors) from Universidad Politécnica de Madrid, Spain.

**IEEE SA STANDARDS MEDALLION**



## Adee Ran

**RECOGNITION**

For contributions and expertise across multiple generations of high-speed interface IEEE 802.3 Ethernet standards

**HIGHLIGHTS**

Adee Ran has been an active contributor to the IEEE 802.3 Standard for Ethernet since 2008 and is currently serving as the Lead Electrical Track Editor for the IEEE P802.3dj task force. Prior to this role, he held key technical and editorial positions in several IEEE 802.3 task forces.

Adee earned BS and MS degrees in electrical engineering from the Technion–Israel Institute of Technology. With a professional career spanning more than 30 years, Adee has dedicated more than two decades to the development, architecture, research, standardization, and mentoring of Ethernet technology; initially at Intel Corporation, and subsequently at Cisco Systems.

Currently, Adee is a Principal Engineer at Cisco Systems. In addition to his activity in IEEE standards, he co-chairs the Physical Layer Working Group in the Ultra Ethernet Consortium. Adee has authored several conference papers and holds numerous patents in the field of Ethernet technology.

**IEEE SA STANDARDS MEDALLION**

## Robby Robson

**RECOGNITION**

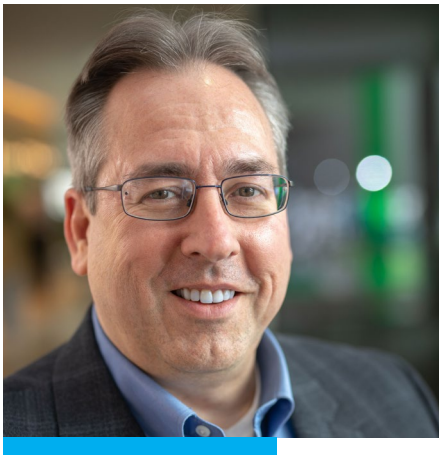
For outstanding leadership, dedication, and contributions to enabling and facilitating the use of Open Source in standards

**HIGHLIGHTS**

Robby Robson is an entrepreneur, researcher, and standards professional who has contributed to IEEE standards and standards governance since 1997. During his first career as a research mathematician, he did significant work in the field of real algebraic geometry, started one of the first research experiences for undergraduate programs in mathematics, was on a team that broke a world factoring record, and was a pioneer in online education. Robby co-founded Eduworks Corporation in 2001, established it as a leader in automating processes used to develop and deliver training in related applications of AI, and served as its CEO until 2022.

Within the IEEE Standards Association, Robby has chaired two standards committees, served on the Computer Society Standards Activity Board, served on the IEEE SA Board of Governors and IEEE SA Standards Board, and chaired the Standards Education Committee and the IEEE SA Open Source Committee. He remains involved in IEEE activities related to open source, industry engagement, and educational activities as well as standards. Robby was a math and music major at Hampshire College and holds a PhD in mathematics from Stanford.

**IEEE SA STANDARDS MEDALLION**



## Daniel Sabin

**RECOGNITION**

For outstanding leadership in the many evolutions of IEEE 1159.3, Power Quality Data Interchange Format (PQDIF)

**HIGHLIGHTS**

Daniel Sabin is a Distinguished Technical Expert at Schneider Electric with the Digital Power Innovation, Architecture, and Standards team. His professional focus includes development of analytical, expert, and artificial intelligence systems in power quality and protection relaying software, virtual protective relaying platforms, and standards development activity in IEEE and IEC.

Previously, Dan led the PQView software development team as a principal engineer and software architect with Electrotek Concepts and was a project manager with the Electric Power Research Institute (EPRI) for research related to power quality monitoring, data analytics, and electric distribution system fault location.

Dan is the Vice Chair of the IEEE SA Entity Collaborative Activities Governance Board (CAG). He is a past chair of the IEEE Power and Energy Society (PES) Transmission & Distribution Committee. He chaired the working groups that completed IEEE 1159.3-2019 (Power Quality Data Interchange Format), IEEE 1564-2014 (Voltage Sag Indices), and IEEE 1409-2012 (Power Quality Solutions). Dan leads PQDIF projects on the IEEE SA Open Source Platform.

Dan was elevated to IEEE Fellow for leadership in power quality database management and analysis software and was awarded the IEEE PES Award for Excellence in Power Distribution Engineering for contributions in power quality monitoring and related indicators for fault location in distribution systems.

Dan has a master's in electric power engineering from Rensselaer Polytechnic Institute, and a BS with Distinction in electrical engineering from Worcester Polytechnic Institute.

## Christopher (Chris) G. Searles

### RECOGNITION

For expanding the role of an existing technical committee in the IEEE Power and Energy Society to cover the rapidly expanding, but standards-deficient, area of battery energy storage systems

### HIGHLIGHTS

Chris Searles has had a distinguished career in the DC power systems/stationary battery industry for more than 45 years. He held key technical and management positions for divisions of IBM, Northern Telecom, ITT Power Systems, and EnerSys. He also served 16 years as North American director of business development with BAE Batteries USA. He currently serves as an independent consultant to Sandia National Laboratories on safety codes and standards.

Chris was inducted into the Battcon Hall of Fame in 2018 and was the initial chair of the IEEE Power and Energy Society (PES) Energy Storage and Stationary Battery (ESSB) Committee beginning in April 2016. He currently serves as Co-Chair of the ESSB Safety Codes Working Group within the ESSB Committee and is an officer on its AdCom.

As an IEEE Life Member, Chris also serves as the IEEE PES Co-Chair for the IEEE PES/IAS JTCC which represents IEEE positions to National Fire Protection Association (NFPA) safety standards committees and is an active member on the NFPA 855 and NFPA 70/CMP13 Committees. He served as chair of the IEEE ESSB EESAT Conference 2022, formerly a part of the annual US Department of Energy Energy Storage Peer Review conferences.

The IEEE ESSB Committee has grown to include three subcommittees and two committee-level working groups, which now develop 36 individual and three entity standards.

**IEEE SA STANDARDS MEDALLION**

## Eugene Song

**RECOGNITION**

For exceptional leadership as Working Group Chair driving the development of IEEE 1451.0-2024 standard for smart transducer interfaces for sensors and actuators

**HIGHLIGHTS**

Eugene Song is an IEEE Senior Member and received his PhD in manufacturing engineering from Tsinghua University in 1998. He was formerly a full professor at the North China University of Science and Technology. He is currently an Electronics Engineer with the Internet of Things (IoT) Devices and Infrastructures Group in the Smart Connected Systems Division (SCSD) of Communications Technology Laboratory (CTL) at the National Institute of Standards and Technology (NIST).

His current research interests include IoT smart sensors/devices interoperability, interface standards for IoT sensor networks, interoperability testing, modeling, measurement and assessment methodologies, testing framework, ontology modeling and ontology-based sematic interoperability, edge artificial intelligent (Edge-AI), digital twins, and co-simulation for IoT applications in the NIST IoT Testbed. He has published more than 100 peer reviewed papers.

He is the Chair of the IEEE 1451.0 Standard Working Group (WG), which led to the development of the smart transducer interfaces for sensors and actuators. He also actively participated in the development of the family of IEEE 1451 smart transducer standards, from wireline and wireless physical sensor interfaces (e.g., RS-232C, 802.11, Bluetooth, Zigbee, 6LowPAN, LoRa WAN, Sigfox, and NB-IoT) to sensor network interfaces (e.g., HTTP, Web Service, XMPP, and MQTT) for IoT applications.

**IEEE SA STANDARDS MEDALLION**

## Jordon Woods

**RECOGNITION**

For leadership and navigating the complex maze of competing ideas with skill through editing IEC/IEEE 60802

**HIGHLIGHTS**

Jordon Woods is the former director of Analog Devices Deterministic Ethernet Technology Group (DET). Prior to his tenure at Analog Devices, he was the co-founder of Innovasic, Inc., a fabless semiconductor company. Jordon has more than 30 years of experience in the semiconductor industry and is familiar with a variety of Ethernet-based Industrial protocols. Although retired, he remains active in standards work as a voting member of the IEEE 802.1 Working Group and as Editor of the IEC/IEEE 60802 Time-Sensitive Networking Profile for Industrial Automation.

**IEEE SA STANDARDS MEDALLION**

## Yi Yang

**RECOGNITION**

For exceptional leadership and contributions to the development of IEEE standards on transmission and distribution

**HIGHLIGHTS**

Yi Yang is a Professor-level Senior Engineer, IEEE Senior Member, and IET Chartered Engineer (CEng). He is also an External Doctoral Supervisor at Southeast University and serves as the Deputy Secretary General of the IEEE Power and Energy Society Intelligent Grid & Emerging Technologies Satellite Committee in China. He works at the State Grid Jiangsu Electric Power Research Institute in China. His research interests include flexible ac/dc transmission and distribution, energy storage control and protection, integrated energy control, smart substations, and cybersecurity.

Yi earned his BS degree in electrical engineering and automation in 2005, his MS degree in electrical engineering in 2007, and his PhD in electrical and electronic engineering in 2013, from Chongqing University, Huazhong University of Science and Technology, and Queen's University Belfast, respectively. From 2007 to 2010, he worked at the Zhejiang Yuhang Power Supply Company, part of the State Grid Corporation of China.

Currently, he chairs the IEEE P2745, P2867, P2892, and P2984 Working Groups. He is also the Convenor of IEC TC95 WG3, Project Leader of IEC SC8A WG6, and a member of IEC TC95 WG2/MT4 and TC57 WG15. He has been involved in the development of more than 10 IEC/IEEE standards. Yi has published more than 70 journal and conference papers and has contributed to the writing of eight books.

**IEEE SA STANDARDS MEDALLION**

## Jizhong Zhu

**RECOGNITION**

For leadership and contributions to the development of standards in the field of distributed energy management systems

**HIGHLIGHTS**

Jizhong Zhu is a Professor at South China University of Technology, a National Distinguished Expert, and a Foreign Correspondent Academician of the Academy of Sciences of the Institute of Bologna. He is an IEEE Fellow, IET Fellow, CSEE Fellow, AAIA Fellow, AIIA Fellow, Chair of IEEE PES China STC Smart Building, Loads, Customer Systems Technical Committee, Chair of IEEE Standard P2781 - Load Modeling and Simulation, Chair of IEEE Standard P2783 - Quick Response System, Chair of IEEE Standard P3436 - EV Charging Load Prediction, and a member of the IEEE SMC Standards Committee. He is also an Expert of the International Electrotechnical Commission WGs IEC SEG6, IEC TC22 AHG1, and IEC TC22 AHG2.

Previously, Jizhong worked at ALSTOM Grid Inc., Howard University, the National University of Singapore, Brunel University, Chongqing University, and China Southern Power Grid. He was a fellow with ALSTOM Grid Inc. and an honorable advisory professor at Chongqing University. He has published six books, as well as more than 300 papers in international journals and conferences. He has authorized more than 30 national patents and won more than 10 international and domestic academic awards. His research interest is in the analysis, operation, and planning and control of power systems, integrated energy systems, smart grids, and power markets as well as applications of renewable energy.

# THE RON WAXMAN DESIGN AUTOMATION STANDARDS COMMITTEE MERITORIOUS SERVICE AWARD


The Design Automation Standards Committee (DASC) is responsible for the standardization of design automation-related standards in the IEEE Standards Association. This award is named for Ron Waxman, a founder of the DASC, in recognition of his many years of leadership and service to IEEE and international standards.

The annual Ron Waxman DASC Meritorious Service Award recognizes commendable accomplishments by DASC members. The DASC Awards Committee calls for nominations and selects the recipient per the DASC Policies and Procedures. The DASC membership confirms the selection.

Recognition consists of an engraved wooden plaque.

# Past Recipients

2023
Dave Rich

Japan Electronics and Information Technology Industries Association (JEITA), Semiconductor System Solution Technical Committee (SSS-TC)

2022
Tom Fitzpatrick

2021
Riccardo Mariani

2020
John Biggs

2019
Ernst Christen

2018
Karen Bartleson

2017
Karen Pieper

2016
Yatin Trivedi

2015
Erich Marschner

2014
Dennis Brophy

2013
Victor Berman

2012
Stan Krolikoski

2011
Larry Saunders

2010
Hal Carter

2009
Peter Ashenden

2008
John Hines

2007
Gabe Moretti

## THE RON WAXMAN DESIGN AUTOMATION STANDARDS COMMITTEE MERITORIOUS SERVICE AWARD

### Aparna Dey

**RECOGNITION**

In Recognition of Outstanding Service Exemplifying the Spirit of The DASC

**HIGHLIGHTS**

Aparna Dey is a Senior Group Director at Cadence in the Strategic New Ventures division. She is Cadence's primary technologist driving standardization efforts in various EDA and IP-based industry standardization bodies, and has additional roles in leading industry alliances and solutions marketing groups. She has been at Cadence for more than 15 years in multiple roles in R&D, methodology services, and technical marketing. She has more than 25 years of experience in the EDA and system design industry in various leadership roles in advanced R&D, design services, technical marketing, and system design.

From a standards perspective, Aparna has been deeply involved with various standards bodies like IEEE, Accellera, and Si2 for the past two decades. She is currently the VP of Standards and Chair of the Standards Committee in IEEE CEDA, in addition to her role as the IEEE DASC Secretary and Treasurer. Since 2021, she has served as an Accellera Board Member and Treasurer. She has also served as a member on the Si2 board and the treasurer.

Aparna is passionate about standards and proud of her long association with IEEE. She hopes to help IEEE drive standards that improve EDA interoperability and foster growth of the ecosystem. She holds a BE in electronics and telecommunication engineering from Netaji Subhas Institute of Technology, University of Delhi.

# IEEE SA STANDARDS COMMITTEE AWARD FOR OUTSTANDING CONTRIBUTIONS TO ENTITY STANDARDS DEVELOPMENT


The IEEE SA Standards Committee Award for Outstanding Contributions to Entity Standards Development may be presented annually to IEEE Standards Committees that have shown exceptional support of the entity standards development process. This process embraces the direct representation of companies, government bodies, and academic institutions in the IEEE Standards process. This award is given to Standards Committees that have excelled in endeavors including but not limited to the following:

- Oversight of more than one entity-based standard, promoting the IEEE SA Entity Program.
- Standards Committee facilitation of formal industry input in the creation of IEEE Standards.

Recognition consists of an engraved wooden plaque.

# Past Recipients

2019
IEEE Consumer Electronics Society Standards Committee


# IEEE Computer Society Blockchain and Distributed Ledger Committee

## RECOGNITION

For overseeing the development of a significant number of IEEE blockchain and distributed ledger standards, including standards for green and sustainable development

## HIGHLIGHTS

IEEE Computer Society Blockchain and Distributed Ledger Standards Committee (IEEE C/BDL) started in 2019 to create the infrastructure for the Web 3.0 ecosystem. The committee has 32 working groups, 25 active standards projects, and 10 published standards. More than 100 experts from more than 70 organizations participate in IEEE C/BDL standards development. These published standards focus on key technologies, data, assets, and services related to blockchain, with particular emphasis on carbon-related applications that provide guidelines for the energy and electricity industry.

IEEE C/BDL has attracted numerous experts and representatives from academia, industry, and government agencies to participate in discussions and decision-making around IEEE standards. This multi-stakeholder approach not only increases the diversity and inclusivity of the standards but also ensures their broad applicability and practical usability.

Additionally, IEEE C/BDL strengthens understanding by organizing seminars, workshops, and training courses. These activities help to enhance engagement in the standards development process and promote the adoption and implementation of standards in practical applications. Through these efforts, the committee has effectively advanced the global dissemination and application of IEEE standards, making significant contributions to the standardized development of blockchain technology.

Transmission & Distribution Committee (T&D)

## IEEE Power and Energy Society Transmission & Distribution Committee

### RECOGNITION

For exceptional support of entity standards management and development processes in electric transmission and distribution technologies

### HIGHLIGHTS

The Transmission & Distribution (T&D) Committee is one of many Standards Developing Technical Committees of the IEEE Power and Energy Society. The T&D Committee is comprised of technical and managerial representatives from electric power transmission and distribution system providers, manufacturers, vendors, academics, consultants, and electric power end users. The committee's products include IEEE standards, recommended practices, and guides. It also organizes panel sessions at PES conferences, publishes working group papers in IEEE journals, and develops in-depth tutorials on emerging technologies and new standards. The committee's standards work provides a crucial service to society's need for reliable, safe, and efficient power system infrastructure.

# IEEE SA CONFORMITY ASSESSMENT AWARD


This award may be presented annually to an individual or entity to recognize major contributions to the development and promotion of IEEE standards products through conformity assessment activities.

Major contributions include but are not limited to the following examples:

- Leadership in developing new IEEE conformity assessment and certification programs
- Enhancing the visibility of IEEE conformity assessment and certification programs
- Promoting the understanding and application of conformity assessment programs as a means of accelerating market adoption of IEEE standards
- Leading and contributing towards development of innovative test tools, test suites and test methodologies.

This recognition consists of an engraved wooden plaque.

# Past Recipients

2022
David C. Klonoff

2021
IEEE NPEC Conformity Assessment Steering Committee

2020
CHAdeMO Association

2019
Duke Energy

2018
Ethernet Alliance

Keith Houser

2017
Allen R. Goldstein

## IEEE UAS Application Conformity Assessment Program Committee

### RECOGNITION

For the establishment of a new conformity assessment and evaluation program for UAS applications with accrediting three test laboratories, and certification of UAS products which meet the requirements of IEEE 1937.1

### HIGHLIGHTS

The IEEE UAS Application Conformity Assessment Program Committee (CAC) is responsible for developing and promoting a range of standards and testing certification programs related to drone equipment and its applications, including information security, payload, battery, and communication. The IEEE UAS Applications CAC aims to help UAS products from different suppliers and manufacturers work together in an internationally standardized environment, enabling businesses and organizations to enter international markets in different countries and regions.

# IEEE SA STANDARDS BOARD DISTINGUISHED SERVICE AWARD


This award is presented to current or past members of the IEEE SA Standards Board for meritorious and distinguished service to the IEEE SA Standards Board and its programs.

Recognition consists of an engraved wooden plaque.

# Past Recipients

2023
Daleep Mohla

2021
Ted A. Burse

2019
John Kulick

2018
Michael Janezic

2016
Richard H. Hulett

2015
Peter Balma

2013
Robert M. Grow
Ted Olsen

2012
Samuel Sciacca

2011
Thomas Prevost

2010
Ronald Petersen

2009
David Law

2008
Steve Mills

## IEEE SA STANDARDS BOARD DISTINGUISHED SERVICE AWARD

### Kevin Lu

**RECOGNITION**

For superior IEEE SA Governance leadership as the IEEE SA Standards Board Audit Committee Chair and as the IEEE SA Industry Connections Committee Chair

**HIGHLIGHTS**

Kevin Lu is a Teaching Professor and Associate Chair for Undergraduate Studies of the Department of Electrical and Computer Engineering at Stevens Institute of Technology. He has taught the Internet of Things, digital system design, and engineering design. He received the 2018-2019 Henry Morton Distinguished Teaching Professor Award. He is an IEEE Life Senior Member and was chair of the IEEE Communications Society Standards Development Board from 2012-2013 and its advisor from 2014-2017. He has been a member of the IEEE Communications Society Standardization Program Development Board and the IEEE Standards Association Standards Board since 2016. He has been Chair of the Industry Connections Committee since 2018 and Chair of the Audit Committee since 2021.

Previously, Kevin was senior principal scientist at Broadcom Mobile and Wireless Group where he worked on wireless system simulation. He was chief scientist and executive director at Telcordia Applied Research where he worked on optical fiber to the home, packet switching, network survivability, physical security, and vehicular communications. He received his BS in control engineering from National Chiao Tung University and MS and DSc in systems science and mathematics from Washington University.

# IEEE SA INTERNATIONAL AWARD


This award is presented to an IEEE SA individual member who has made extraordinary contributions to the advancement of the international goals of the IEEE SA, and to establishing the IEEE SA as a world-class leader in standardization.

Recognition consists of a globe paperweight and certificate.

# Past Recipients

2023
Dennis Brophy

2022
Richard H. Hulett

2021
Jingxuan (Joanne) Hu

2019
Garry Roedler

2018
Leslie T. Falkingham
William Whyte

2017
Giorgi Bit-Babik
Craig A. Colopy

2016
Anne A. Bosma

2015
Bill Long
J. Patrick Reilly

2014
Melvin Reynolds
John White

2013
Andrew Myles

2012
David John Law

2011
Bertram Jon Klauenberg

2010
Robert F. Heile

2009
James R. Michalec
David T. Stone

2008
Hermann Koch

2007
James W. Moore

2006
Ben C. Johnson
Roger B. Marks

2005
Denis L. Dufournet
Carl R. Stevenson

2004
Michael R. Murphy

2003
Ronald C. Petersen

2002
Wallace S. Read

## IEEE SA INTERNATIONAL AWARD

# Teruo Onishi

### RECOGNITION

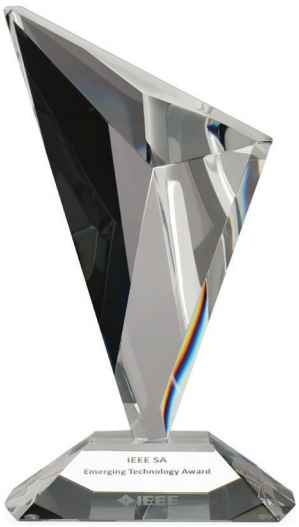
For leadership in standardization and harmonization for human protection from millimeter waves exposures

### HIGHLIGHTS

Teruo Onishi is currently a Research Manager at the National Institute of Information and Communications Technology (NICT) in Tokyo focused on the monitoring of electromagnetic field (EMF) exposure levels. He has been involved in national and international standardization activities for more than 20 years, dealing with exposure assessment especially for mobile phones and wireless power transfer.

During his chairmanship of TC34 of the IEEE International Committee on Electromagnetic Safety (ICES), which is responsible for product safety related to EMF exposure, his significant contributions to standardization were exemplified by his role as co-convener of the IEEE/IEC joint working group (JWG12), which developed measurement techniques for 5G millimeter wave standards. This standard is well accepted in many countries worldwide, facilitating the deployment of 5G communication systems.

# IEEE SA EMERGING TECHNOLOGY AWARD




This award is presented to an individual, working group, or company that has advanced, initiated, or progressed a new technology within the IEEE SA open consensus process that meets the following criteria: The IEEE SA work product is a balloted standards draft or an approved standard, recommended practice, or guide. It is not necessary for the final document to be approved, but substantial progress beyond the Project Authorization Request (PAR) is necessary.

The IEEE SA work product:

- Is the first or one of few such activities for the technology, industry, or market(s) for which it is targeted
- Is a technology, industry, or market where broad consensus agreements are not yet widely deployed or not yet fully commercialized
- Has positive market relevance
- Puts IEEE in a leadership position
- Extends the IEEE SA standards portfolio

Recognition consists of an engraved sculpture and a certificate.

# Past Recipients

2023
IEEE 1547.9 Working Group

2022
IEEE 2800 Working Group
IEEE 2846 Working Group
IEEE 2941 Working Group

2021
IEEE P2675 Working Group
IEEE P7007 Working Group

2020
IEEE 802.1 Working Group

2019
IEEE 1876 Working Group

2018
Lee Coulter
IEEE 802.3 Working Group

2017
Erik Jan Marinissen
IEEE 802.11 Working Group

2016
Giovanni Acampora
Stephen F. Bush

2015
IEEE Robotics and Automation Society Ontologies for Robotics and Automation Working Group

2014
Yuan-Ting Zhang
IEEE P2700™ Standard for Sensor Performance Parameter Definitions Working Group

2013
Pierre Martin

2011
IEEE 802.22 Working Group

2010
IEEE 11073™ Personal Health Devices Working Group
IEEE Rail Transit Vehicle Interface Standards Committee Working Group #2

**IEEE SA EMERGING TECHNOLOGY AWARD**

## James T. Reilly

**RECOGNITION**

For leadership and contributions to the development of a series of standards on distributed energy resource integration and aggregation within microgrids and related sustainable energy systems

**HIGHLIGHTS**

Jim Reilly is an independent consultant in the electric power industry, focusing on the aggregation and integration of distributed energy resources in transmission and distribution systems for reliability and resilience. Among the clients he has served are the US Department of Energy, Office of Electricity (Microgrid Program); Argonne National Laboratory (Grid Integration); Idaho National Laboratory (SMR integration in distribution networks); NEDO (congestion management); and NIST (interconnection and smart grid).

Over the past ten years, Jim has initiated PARs and been an officer of eight IEEE SA working groups in the IEEE 2030 Series. Among these are IEEE 2030.4-2023 Interoperability, IEEE 2030.7-2017 Microgrid Controllers, IEEE 2030.11-2021 Distributed Energy Resources Management Systems (DERMS), and now IEEE P2030.14 Virtual Power Plants.

Jim has authored or coauthored numerous articles and led research projects on advanced microgrids, the aggregation of renewable energy, energy management systems, power system restoration, and system protection.

Jim holds advanced degrees from Georgetown University and Columbia University.

## IEEE 2933 Working Group

### RECOGNITION

For the development of IEEE 2933-2024, IEEE Standard for Clinical Internet of Things (IoT) Data and Device Interoperability with TIPPSS—Trust, Identity, Privacy, Protection, Safety, Security

### HIGHLIGHTS

The IEEE 2933 Standard Working Group (WG) for Clinical Internet of Things (IoT) data and device interoperability with TIPPSS—Trust, Identity, Privacy, Protection, Safety, Security was launched in July 2019 in collaboration with Underwriters Laboratories (ULSE). This started a five-year standards development journey with over 250 individual WG members representing 32 countries across six continents. Initial discussions with IoT and cybersecurity thought leaders began in 2015 at an IoT World Forum steering committee meeting. That discussion led to the convening of the IEEE End to End Trust and Security Workshop for the IoT held in Washington, DC in February 2016, which was co-sponsored with the US National Science Foundation (NSF) and others. In August 2018, an IEEE pre-standards workstream for Clinical IoT data validation and interoperability was initiated to determine the viability of a framework to enable data validation from interoperable clinical-grade IoT devices. This workstream resulted in the development of the TIPPSS framework, which was published in the IEEE Pre-Standards Workstream Report: Clinical IoT Data Validation and Interoperability in June 2019. The first complete draft of the standard was available in June 2023, followed by the formation of the Ballot Group in October 2023, and approval of the IEEE 2933-2024 standard by IEEE SA in June 2024.

# IEEE SA LIFETIME ACHIEVEMENT AWARD


This award is presented to a current or past member of the IEEE Standards Association who has made a significant technical contribution in a standards committee and has shown a 15-plus year commitment to standards development within IEEE and other national and international standardization activities.

Recognition consists of a sculpture and framed certificate.

# Past Recipients

2023
Jerome Blair
Leonardo Chiariglione
Paul Forquer
Ernie Gallo
Robert M. Grow

2022
Steven B. Carlson
Norman Finn
Annette D. Reilly
Richard A. Tell

2021
Curtis Ashton
Ben C. Johnson

2020
Chung-Kwang Chou
Howard Wolfman

2019
Garry Roedler

2018
T. W. (Ted) Olsen

2017
Philip J. Hopkinson

2016
Michael Johas Teener

2015
Mick Seaman

2014
Todd Cooper
Gary Robinson

2013
Richard DeBlasio
Tony Jeffree

2012
Francois Martzloff

2011
Joseph L. Koepfinger

## IEEE SA LIFETIME ACHIEVEMENT AWARD

### R. Allen Bernstorf

**RECOGNITION**

For nearly 50 years of dedicated service to the industry and countless contributions to IEEE, ANSI, and NEMA across many areas related to overhead lines and insulator standards

**HIGHLIGHTS**

R. Allen Bernstorf has worked professionally with insulators at Ohio Brass/Hubbell since 1977 in positions ranging from technician to manager of engineering services. He retired in 2017 as the principal engineer–insulators and has been serving as a consultant for Hubbell since that time. His primary focus remains the design and development of porcelain and non-ceramic high-voltage insulators.

R. Allen served as the project manager for several Hubbell projects including the expansion of the Hi*Lite XL® product line in 1996, the development of the Veri*Lite Line Post – SR® product line in 2004, and the Quadri*Sil® product line in 2007.

He is an active member of IEEE/PES, NEMA HVITC, ANSI C-29, CSA TC127, and the IEC. He served as chairman of the Insulator Working Group within IEEE from 2005 through 2024 and has filled the role of Technical Advisor (TA) to the United States National Committee (USNC) of the IEC for TC-36 since 1999. R Allen is listed as a contributing author for a number of IEEE papers and patents for insulator components.

## IEEE SA LIFETIME ACHIEVEMENT AWARD

### Thomas M. Kurihara

**RECOGNITION**

For a lifetime of unceasing dedication to the IEEE Vehicular Technology Society and its working groups, and for advancing technologies and standards to make all forms of transportation safer and more efficient

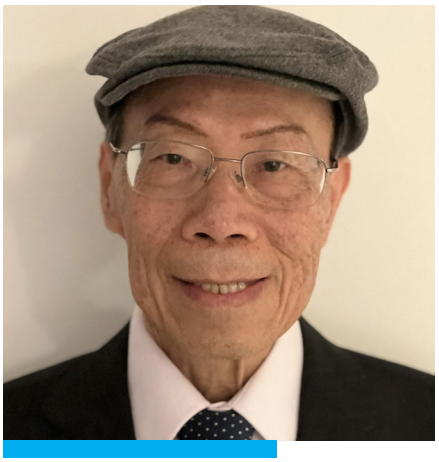
**HIGHLIGHTS**

Thomas M. Kurihara has made exceptional contributions to the development and advancement of IEEE Vehicular Technology Society standards, expanding state-of-the-art technologies in the field to make all forms of transportation safer and more efficient. He oversaw the publication of six key standards used for connected vehicles and vehicle-to-everything, or V2X, including the IEEE 1609.2 cybersecurity standard, which has been adopted globally and is widely used commercially.

Tom has consistently applied his extensive knowledge of technical subjects, IEEE processes and procedures, and outstanding situational awareness to successfully advance intelligent transportation standards in the interest of transportation safety and efficiency. This has enabled fundamental changes in society and to the global economy through the ubiquitous connectivity of V2X communications. A vast number of academics, researchers, engineers, and technologists are employed at or starting companies designing and building new vehicular technology-related products and services based on the standards Tom championed.

As a longtime volunteer, Tom served on a variety of different IEEE and IEEE SA committees. In these positions, he served with fairness and insight. He also mentored many new volunteers and assisted them in understanding IEEE processes and the technical details of the various standards on which he worked.

## IEEE SA LIFETIME ACHIEVEMENT AWARD



### Kang B. Lee

**RECOGNITION**

For three decades of tireless leadership and dedication to the development and promotion of IEEE precision time protocol and other standards profoundly impacting global industry and commerce

**HIGHLIGHTS**

Kang B. Lee retired from the National Institute of Standards and Technology (NIST) after 41 years of US federal government service. At NIST, he served as a research associate advising on wireless for industrial systems in the Communications Technology Laboratory. Kang's research experience includes smart sensors and actuators, wireless systems performance measurement, and time synchronization standards for real-time communication, monitoring, and control in industrial environments.

For more than 30 years, Kang has organized and chaired many IEEE conferences, symposia, and workshops worldwide on precision clock synchronization, wireless sensor standards, sensors for industry, wireless sensor networks for factory floor, instrumentation and measurement technology, and sensor standards harmonization to promote IEEE standards. He is the long-standing Chairman of the IEEE Instrumentation and Measurement Society Technical Committee on Sensor Technology, overseeing the development of a family of 15 IEEE 1451 smart sensor standards. He also chairs the IEEE 1588 Precision Clock Synchronization Standard for Networked Measurement and Control Systems. Today, IEEE 1588, or Precision Time Protocol (PTP), is implemented in millions of devices, systems, and networks worldwide.

In 2006, Kang was one of 29 innovators worldwide profiled by the EE Times' Great Minds, Great Ideas project. He was recognized for "paving the road to ubiquitous computing" and "spearheading the 1451 suite of standards for sensor networks that will someday monitor and manipulate so much of our world." This concept is now known as the Internet of Things (IoT).

## IEEE SA LIFETIME ACHIEVEMENT AWARD

### Wei-Jen Lee

**RECOGNITION**

For leadership in advancing standards in the field of electrical safety

**HIGHLIGHTS**

Wei-Jen Lee is a Professor and Chair of the Department of Electrical Engineering at The University of Texas at Arlington. He has been involved in the revision of IEEE Standards 141, 339, 551, 739, and 1584, and the development of 1584.1, 1584.2, 3002.8, and 3002.9. He was the project manager of IEEE/NFPA Arc Flash Phenomena Collaborative Research Project (2008-2022), chair of the IEEE TAB Climate Change Program (2022-2023), member of the IEEE Ad Hoc Committee to Coordinate IEEE's Response to Climate Change (CCIRCC) (2022-2023), co-chair of Outreach Subcommittee of IEEE CCIRCC (2023), and the president of the IEEE Industry Application Society (2021-2022).

He is currently Co-Chair of the SusTech Initiative for the IEEE TAB Future Directions Committee, and a member of the IEEE TAB Climate Change Program Steering Committee, the External Outreach Sub-Committee of the IEEE CTSC, and the IEEE TAB Hall of Honor Committee. Additionally, he is a member of the United Nations Council of Engineers for the Energy Transition (CEET).

Throughout his career, Wei-Jen has been the primary investigator (PI) or co-PI on more than 110 funded research projects and has authored more than 220 journal articles and 310 conference papers. He is an IEEE Fellow, a member of the National Academy of Inventors, and a registered Professional Engineer in Texas.

# IEEE CHARLES PROTEUS STEINMETZ AWARD


The IEEE Charles Proteus Steinmetz Award was established by the Board of Directors in 1979 for major contributions to the development of standards in the field of electrical and electronics engineering. The award is named in honor of Charles Proteus Steinmetz's theories, which were essential to the development of universal electrical systems. His textbooks, formulas, teachings, and research, principally at the General Electric Company, made him the first true theoretician of alternating-current electrical systems.

Recognition consists of a bronze medal, certificate, and honorarium.

# Past Recipients

2023
Philip Wennblom

2022
Kenneth E. Martin

2021
Haran Karmaker

2020
Solveig M. Ward

2019
Innocent Kamwa

2018
Craig M. Wellman

2017
David John Law

2016
Hermann Koch

2015
Steve M. Mills

2014
Mark McGranaghan

2013
Mohindar S. Sachdev

2012
Daleep Mohla

2011
James W. Moore

2010
Richard DeBlasio

2009
James Thomas Carlo

2008
Roy Billinton

2007
Vic Hayes

2006
S. Mark Halpin

2005
Wallace S. Read

2004
Julian Forster

2003
Donald C. Loughry

2002
Ben C. Johnson

2001
Stanley Baron

2000
Hiroshi Yasuda

1999
Dennis Bodson

1998
William J. McNutt

1997
Donald N. Heirman
L. John Rankine

1996
Marco W. Migliaro

## IEEE CHARLES PROTEUS STEINMETZ AWARD

# Gary Hoffman

### RECOGNITION

For leadership in and development of power systems standards to increase global adoption

### HIGHLIGHTS

Gary Hoffman is an IEEE Life Fellow recognized for his leadership in the advancement of monitoring systems for power transformers and power line protection. He is Founder and President of Advanced Power Technologies (APT). Before starting APT, Gary was general manager of ALSTOM T&D Protection and Control Division in the US. Prior to ALSTOM, he was with RFL Electronics where he held various executive positions including senior vice president of sales and marketing, vice president of operations, and vice president of engineering.

Gary holds 13 US and foreign patents in the areas of transformer monitoring and protection. He is the Working Group Chair of IEEE standards C57.12.10, C57.116, and PC57.167, as well as Vice Chair of C57.163. He is a member of CIGRE and member of WG A2.57 and A2/D2,65. He is past chair of the IEEE SA Standards Board, member of the IEEE SA Board of Governors, and is the 2024 IEEE SA President Elect. Gary is also an active PES member, serving as a member of the IEEE PES Transformers Committee, and in service to IEEE PES Board of Governors, as a member of the PES Fellow Evaluation Committee and Chair of the Ad Hoc in charge of writing the operating procedures for IEEE PES Technical Chapter Councils.

Gary holds a BS in engineering science and an MS in electrical engineering from the State University of New York at Stony Brook.

**2024 IEEE SA Board of Governors**

- James E. Matthews III, IEEE SA President
- Gary Hoffman, IEEE SA President Elect and Past SASB Chair
- David Law, IEEE SA Standards Board (SASB) Chair
- Yatin Trivedi, IEEE SA Treasurer
- Gary Stuebing, IEEE SA Entity Collaborative Activities Governance Board (CAG) Chair
- Alpesh Shah, Secretary
- Shmuel Auster, Member-at-Large
- David Chen, Member-at-Large
- Joseph Levy, Member-at-Large
- Meng Lu, Member-at-Large
- Vikass Monebhurrun, Member-at-Large
- Ramesh Ramadoss, Member-at-Large
- Dorothy Stanley, Member-at-Large
- Doug Zuckerman, Member-at-Large
- Kishik Park, Non-voting Member
- Sha Wei, Non-voting Member
- Walter Weigel, Non-voting Member

**2024 IEEE SA Awards and Recognition Committee**

- Yatin Trivedi, Chair
- Shmuel Auster
- Ted Burse
- Dorothy Stanley
- Keith Waters
- Victoria Kuperman-Super, Administrator

**2024 IEEE SA Awards Ceremony Program and Brochure**

- Julie Alessi
- Michelle Chang
- Victoria Kuperman-Super
- Dave Ringle

IEEE SA STANDARDS ASSOCIATION

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ASSOCIATION

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