

**IEEE MEDAL FOR ENVIRONMENTAL AND SAFETY TECHNOLOGIES
RECIPIENTS**

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|------|--|---|
| 2024 | HAGIT MESSER (LFIEEE)—The Kranzberg Chair in Signal Processing, School of Electrical Engineering, Tel Aviv University, Tel Aviv, Israel | “For contributions to sensing of the environment using wireless communication networks.” |
| 2023 | DAVID JAMES COE (non-member)—Philips Research Laboratories, Redhill, Surrey, United Kingdom | “For contributions to the concept and realization of superjunction power devices that significantly improve power efficiency.” |
| | AND | |
| | GERALD F. DEBOY (SMIEEE)—Head of System Innovation Group, Infineon Technologies Austria AG, Villach, Austria | |
| | AND | |
| | TATSUHIKO FUJIHIRA (MIEEE)—Chief Technology Officer for Electronic Devices
Fuji Electric Co., Ltd.,
Matsumoto, Japan | |
| 2022 | MASATO SAGAWA (nonmember)—President, NDFEB Corporation, Kyoto, Japan | “For contributions to the development of rare earth-iron-boron permanent magnets for use in high-efficiency motors, generators, and other devices.” |
| | AND | |
| | JOHN J. CROAT (nonmember)—President, John Croat Consulting, Inc., Naples, Florida, USA | |
| 2021 | KAUSHIK RAJASHEKARA (LFIEEE)—Distinguished Professor of Engineering, Department of Electrical & Computer Engineering, University of Houston, Houston, Texas, USA | “For contributions to the advancement of transportation electrification technologies for the reduction of emissions and for improving energy efficiency.” |
| 2020 | NANCY LEVESON
Professor of Aeronautics and | “For contributions to software safety and for the development of system safety |

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- Astronautics, MIT, Cambridge,
Massachusetts, USA modeling.”
- 2019 RICHARD NUTE
Consultant, Bend, Oregon, USA “For contributions to hazard-based safety
engineering as the basis for product
design and product safety standard
development.”
- AND
- RAY CORSON
Consultant, Queritas, Loveland,
Illinois, USA
- AND
- JAMES GORDON BARRICK, JR.
Senior Manager, eDiscovery
and Digital Forensics, Western
Digital, Milipitas, California,
USA
- 2018 JEROME FAIST
Professor, ETH Zurich, Zurich,
Switzerland “For pioneering contributions to the
quantum cascade laser and optical
chemical sensors for environmental
sensing.”
- AND
- FRANK KLAUS TITTEL
J.S. Abercrombie Professor in
Electrical and Computer
Engineering, Professor of
Bioengineering, Rice University,
Houston, Texas, USA
- 2017 ALBERTO BROGGI
Professor, University of Parma–
VisLab, Parma, Italy “For leadership in vehicular
environmental perception, and for
setting worldwide milestones in safe and
reliable intelligent vehicles.”
- 2016 MASAHIKO MIYAKI
Executive Vice President,
DENSO Corporation, Kariya-shi,
Japan “For development of electronic multipoint
fuel-injection systems, enabling fuel-
efficient and low-emission diesel
engines.”
- AND YUKIHIRO SHINOHARA
Executive Director, DENSO
Corporation, Kariya-shi, Japan
- AND KATSUHIKO TAKEUCHI

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	Head of Business Unit, DENSO Corporation, Kariya-shi, Japan	
2015	<p>RODOLFO SCHOENEBURG Daimler AG, Sindelfingen, Baden-Württemberg, Germany</p> <p>AND MARICA PAUREVIC Daimler AG, Sindelfingen, Baden-Württemberg, Germany</p> <p>AND HANS WEISBARTH Daimler AG, Sindelfingen, Baden-Württemberg, Germany</p>	<p>“For significant contributions to automotive safety through crash prevention and passenger protection using sensors, warning systems, and autonomous restraint systems.”</p>
2014	No award	
2013	<p>TSUNEO TAKAHASHI President, NF Corporation, Yokohama, Japan</p>	<p>“For pioneering the development of navigation technology in automobiles.”</p>
2012	<p>JOHN BANNISTER GOODENOUGH Virginia H. Cockrell Centennial Professor of Engineering, The University of Texas at Austin, Austin, TX, USA</p> <p>AND RACHID YAZAMI Professor of Materials Science and Engineering, Nanyang Technological University (NTU), Singapore</p> <p>AND AKIRA YOSHINO Fellow, Asahi Kasei Corporation, Fuji-shi, Shizuoka, Japan</p>	<p>“For developing the lithium-ion battery, which enables significant fuel conservation and reduced emissions as power storage for electric vehicles and for smartgrids incorporating renewables.”</p>
2011	<p>SHOICHI SASAKI Professor, Graduate School of System Design and Management, Keio University, Yokohama, Japan</p>	<p>“For pioneering contributions to the development and market penetration of hybrid electric vehicles (HEVs) through the invention of their power output apparatus and control method.”</p>
2010	<p>JOHN L. (LARRY) CHALFAN Executive Director (retired),</p>	<p>“For developing and bringing into operation EPEAT, the Electronic Product</p>

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Zero Waste Alliance,
Portland, OR, USA,

Environmental Assessment Tool, that
measures product's environmental
performance."

AND VICCY SALAZAR
Lead, Waste reduction,
Resource conservation and
Stewardship,
US EPA Region 10,
Seattle, WA, USA,

AND WAYNE F. RIFER
Director, EPEAT Standards and
Compliance Verification,
Green Electronics Council,
Portland, OR, USA