

IEEE MEDAL FOR ENVIRONMENTAL AND SAFETY TECHNOLOGIES

RECIPIENTS

2020	NANCY LEVESON Professor of Aeronautics and Astronautics, MIT, Cambridge, Massachusetts, USA	"For contributions to software safety and for the development of system safety modeling."
2019	RICHARD NUTE Consultant, Bend, Oregon, USA AND RAY CORSON Consultant, Queritas, Loveland, Illinois, USA AND JAMES GORDON BARRICK, JR. Senior Manager, eDiscovery and Digital Forensics, Western Digital, Milipitas, California, USA	"For contributions to hazard-based safety engineering as the basis for product design and product safety standard development."
2018	JEROME FAIST Professor, ETH Zurich, Zurich, Switzerland AND FRANK KLAUS TITTEL J.S. Abercrombie Professor in Electrical and Computer Engineering, Professor of Bioengineering, Rice University, Houston, Texas, USA	"For pioneering contributions to the quantum cascade laser and optical chemical sensors for environmental sensing."
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 AND YUKIHIRO SHINOHARA Executive Director, DENSO Corporation, Kariya-shi, Japan	"For development of electronic multipoint fuel-injection systems, enabling fuel- efficient and low-emission diesel engines."

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

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- 2010 JOHN L. (LARRY) CHALFAN "For developing and bringing into
Executive Director (retired), operation EPEAT, the Electronic Product
Zero Waste Alliance, Environmental Assessment Tool, that
Portland, OR, USA, 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