

IEEE MEDAL FOR ENVIRONMENTAL AND SAFETY TECHNOLOGIES

RECIPIENTS

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|------|---|--|
| 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 (FIEEE)—
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
Head of Business Unit, DENSO
Corporation, Kariya-shi, Japan | |
| 2015 | RODOLFO SCHOENEBURG
Daimler AG, Sindelfingen,
Baden-Württemberg, Germany | “For significant contributions to automotive safety through crash prevention and passenger protection using sensors, warning systems, and autonomous restraint systems.” |
| | AND MARICA PAUREVIC
Daimler AG, Sindelfingen,
Baden-Württemberg, Germany | |
| | AND HANS WEISBARTH
Daimler AG, Sindelfingen,
Baden-Württemberg, Germany | |
| 2014 | No award | |
| 2013 | TSUNEO TAKAHASH
President, NF Corporation, | “For pioneering the development of navigation technology in automobiles.” |

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RECIPIENTS

- Yokohama, Japan
- 2012 JOHN BANNISTER
GOODENOUGH
Virginia H. Cockrell Centennial
Professor of Engineering, The
University of Texas at Austin,
Austin, TX, USA
- “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.”
- 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
Professor, Graduate School of
System Design and
Management, Keio University,
Yokohama, Japan
- “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.”
- 2010 JOHN L. (LARRY) CHALFAN
Executive Director (retired),
Zero Waste Alliance,
Portland, OR, USA,
- “For developing and bringing into
operation EPEAT, the Electronic Product
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