

IEEE WILLIAM E. NEWELL POWER ELECTRONICS AWARD
RECIPIENTS

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| 2019 – PATRIZIO VINCIARELLI
CEO, Vicor Corporation, Andover,
Massachusetts, USA | “For visionary leadership in the development of high-efficiency, high-power-density power conversion components for distributed power system applications.” |
| 2018 - RAINER MARQUARDT
Professor for Power Electronics and Control, Universität der Bundeswehr München, Neubiberg, Germany | “For development of the modular multilevel converter application in medium drives and high-voltage DC transmission systems.” |
| 2017 - SEUNG-KI SUL
Professor, Department of Electrical and Computer Engineering, Seoul National University, Seoul, Korea | “For contributions to the sensorless control of rotating field electrical machines” |
| 2016 – JOHANN W. KOLAR
Professor, Power Electronic Systems Laboratory, ETH Zurich, Zurich, Switzerland | “For contributions to the advancement of three-phase pulse-width modulation (PWM) converter systems and power electronics education.” |
| 2015 - SHU YUEN RON HUI
Professor (Jointly) University of Hong Kong and Imperial College London, Department of Electrical & Electronic Engineering, University of Hong Kong | “For contributions to power electronics applications in planar wireless charging and sustainable lighting technology.” |
| 2014 - FREDE BLAABJERG
Professor, Aalborg University, Department of Energy Technology, Aalborg, Denmark | “For contributions to power electronics in renewable energy and adjustable speed drives.” |
| 2013 - RIK W. DE DONCKER
Professor Dr. ir. and Head of Institute for Power Electronics and Electrical Drives, RWTH Aachen University, Aachen, Germany and Director of E. ON Energy Research Center, RWTH Aachen University Honorary Doctor and Professor at Faculty for Electrical Engineering and Information Technology at Technical University Riga, Latvia | “For contributions to the development of new components, topologies, and controls in power electronic systems.” |
| 2012 - LEO LORENZ
Senior Principal, Infineon Technologies, Neubiberg, Germany | “For contributions to the development of power semiconductor devices and integrated power modules.” |

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| 2011 - PRAVEEN JAIN
Professor and Canada Research Chair,
Department of Electrical and Computer
Engineering; Director, Queen's Centre for
Energy and Power Electronics Research
(ePOWER), Queen's University,
Kingston, Ontario, Canada | "For advancements in the theory and
practice of high-frequency power
conversion systems." |
| 2010 – AKIO NAKAGAWA
Fellow, Toshiba Corporation
Kawasaki, Japan | "For development of non-latch-up IGBTs." |
| 2009 – TADASHI FUKAO
Independent Consultant,
Yokohama, Japan | "For contributions to the development of
cycloconverters and bearingless drives." |
| 2008 - ISTVAN NAGY
Professor, Budapest University of
Technology and Economics,
Hungary | "For leadership in the research,
development, worldwide promotion, and
university education in power electronics
technology" |
| 2007 – DUSHAN BOROYEVICH
Professor, Virginia Polytechnic
Institute & State University,
Blacksburg, VA, USA | "For advancement of control, modeling,
and design of switching power
converters." |
| 2006 - DEEPAKRAJ M. DIVAN
Georgia Institute of Technology,
School of ECE,
Atlanta, GA, USA | "For leadership in the development of soft-
switching power converters." |

Prior to 2006, the IEEE William E. Newell Power Electronics Award was a society-level award and was presented from 1979 through 2005. Past society-level award recipients can be found by accessing <http://www.ieee-pels.org/awards/william-e-newell-award>.