

IEEE GUSTAV R. KIRCHHOFF AWARD
RECIPIENTS

- | | |
|---|--|
| 2024 – MARY JANE IRWIN
Emerita Evan Pugh University
Professor (Retired), The
Pennsylvania State University,
University Park, Pennsylvania,
USA | “For contributions to electronic design automation and power-aware computer architecture.” |
| 2023 – YOSHISUKE UEDA
Professor Emeritus (Retired),
Kyoto University, Otsu, Shiga,
Japan | “For the discovery of chaotic phenomena in electronic circuits and for contributions to the development of nonlinear dynamics.” |
| 2022 – JOOS VANDEWALLE
Professor Emeritus, University of
Leuven, Blanden, Belgium | “For fundamental contributions to mathematical foundations of circuits and systems.” |
| 2021 – THOMAS H. LEE
Professor, Stanford University,
Stanford, CA, USA | “For pioneering CMOS technology for high-performance wireless circuits and systems.” |
| 2020 – MARTIN HASLER
Honorary Professor, Ecole
Polytechnique Federale de
Lausanne, Vaud, Switzerland | “For fundamental contributions to nonlinear circuit theory and nonlinear dynamics” |
| 2019 – KENNETH MARTIN
President, Granite SemiCom Inc.,
Toronto, Canada | “For contributions to analog, mixed-signal, and digital integrated circuits, and outstanding leadership in microelectronics education and research and development.” |
| 2018 – ALAN N. WILLSON, JR.
Charles P. Reames Professor
Emeritus, University of California
Los Angeles, Los Angeles,
California | “For fundamental contributions to the theory and design of nonlinear circuits and signal processing systems.” |
| 2017 – MARCEL PELGROM
Consultant, Pelgrom Consult,
Helmond, The Netherlands | “For seminal contributions to systematic analysis of random offsets in semiconductor devices and their impact on circuits” |
| 2016 – P.P. VAIDYANATHAN
Professor, California Institute of
Technology, Pasadena, CA, USA | “For fundamental contributions to digital signal processing.” |
| 2015 – YOSIRO OONO
Professor Emeritus, Kyushu
University, Fukuoka, Japan | “For fundamental contributions to the foundation of classical circuit theory.” |
| 2014 – CHUNG LAUNG LIU | “For seminal, long-lasting contributions to |

IEEE GUSTAV R. KIRCHHOFF AWARD
RECIPIENTS

- | | |
|--|---|
| Professor, Computer Science
Department, National
Tsing Hua University, Hsinchu,
Taiwan | design automation for circuits and systems.” |
| 2013 – SANJIT KUMAR MITRA
Stephen and Etta Varra Professor,
Dept. of Electrical Engineering,
University of Southern California,
Los Angeles, CA, USA | “For fundamental contributions to filter
design and signal processing.” |
| 2012 – RONALD A. ROHRER
University Professor Emeritus of
Electrical and Computer Eng.
Carnegie Mellon University
Pittsburgh, PA, USA | “For fundamental contributions to circuit
simulation, circuit design optimization and
electronic design automation.” |
| 2011 – CHARLES A. DESOER
Professor Emeritus
University of California
Berkeley, CA, USA | “For crucial conceptual research
contributions to the behavior and the use of
electrical circuits and systems.” |
| 2010 – HITOSHI WATANABE
Prof. Emeritus, Dept of Info
Systems Science, Soka University
Tokyo, Japan | “For pioneering contributions to filter design
theory and computer-aided circuit design.” |
| 2009 – ERNEST S. KUH
William S. Floyd, Jr. Professor
Emeritus in Engineering
University of California
Berkeley, CA, USA | “For outstanding contributions to theory and
practice in circuits and systems and for
pioneering work in electronics design
automation.” |
| 2008 – ALFRED FETTWEIS
Professor Emeritus, Lehrstuhl fuer
Nachrichtentechnik
Ruhr-Universität Bochum
Germany | “For sustained contributions to circuits,
systems, and signal processing, especially
his seminal work on wave digital filters” |
| 2007 – YANNIS P. TSIVIDIS
Dept of Electrical Engineering
Columbia University
New York, NY, USA | “For contributions to circuits and MOS device
modeling.” |
| 2006 – GABOR TEMES
School of EECS
Oregon State University
Corvallis, OR, USA | “For fundamental contributions to analog
signal processing techniques.” |

IEEE GUSTAV R. KIRCHHOFF AWARD
RECIPIENTS

2005 – LEON CHUA

Professor of Electrical Engineering
and Computer Sciences
University of California
Berkeley, CA, USA

"For seminal contributions to the foundation of nonlinear circuit theory, and for inventing Chua's Circuit and Cellular Networks, each spawning a new research area."