IEEE GUSTAV R. KIRCHHOFF AWARD
RECIPIENTS

2023 – YOSHISUKE UEDA
Professor Emeritus, 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
Professor, Computer Science Department, National Tsing Hua University, Hsinchu, Taiwan
“For seminal, long-lasting contributions to design automation for circuits and systems.”

2013 - SANJIT KUMAR MITRA
Stephen and Etta Varra Professor, Dept. of Electrical Engineering,
“For fundamental contributions to filter design and signal processing.”
IEEE GUSTAV R. KIRCHHOFF AWARD
RECIPIENTS

University of Southern California,
Los Angeles, CA, USA

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."

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."