

IEEE JOSEPH F. KEITHLEY AWARD IN INSTRUMENTATION & MEASUREMENT
RECIPIENTS

2024 DEEPAK G. UTTAMCHANDANI "For contributions to photonics-based
Associate Dean (Strategy), optical frequency and wavelength domain
University of Strathclyde, instrumentation and measurement."
Glasgow, United Kingdom

2023 BARRY M. WOOD "For low-uncertainty measurement of
Emeritus Research Officer Planck's constant of fundamental
(Retired), National Research importance to the redefinition of the
Council Canada, Metrology International System of Units (SI)."
Research Centre, Ottawa,
Ontario, Canada

AND

CARLOS SANCHEZ
Research Officer (Retired),
National Research Council
Canada, Metrology Research
Centre, Ottawa, Ontario, Canada

AND

RICHARD G. GREEN
Research Officer, Mass and
Related Quantities National
Research Council of Canada,
Metrology Research Centre,
Ottawa, Ontario, Canada

2022 IAN HUNTER "For the development and
Hatsopoulos Professor in commercialization of nonlinear system
Thermodynamics, Massachusetts identification techniques in instrumentation
Institute of Technology, and measurement applications."
Cambridge, Massachusetts, USA

2021 ERIC W. STRID "For contributions to RF microprobing
Retired, Board of Directors of measurement techniques enabling accurate
Power Oregon, White Salmon, on-wafer circuit testing."
Washington, USA

AND

K. REED GLEASON
V.P. of Technology Development,
Form Factor, Inc., Livermore,
California, USA

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2020	DARIO PETRI Full Professor, Department of Industrial Engineering, University of Trento, Italy	"For contributions to measurement fundamentals and signal processing techniques in instrumentation and measurement."
2019	ALAN FINKEL Australia's Chief Scientist, Canberra City, Australia	"For contributions to high-speed, accurate measurement of electrical transmission in the brain and other biological cells."
2018	DAVID WAYNE ALLAN President, Allan's Time Interval Metrology Enterprise, Fountain Green, Utah, USA	"For leadership in time determination and precise timing instruments."
2017	JEROME JOHN BLAIR Chief Scientist, Keystone International, Riverside, California, USA	"For contributions to test procedures for analog-to-digital and digital-to-analog converters and to enhanced-accuracy gamma-ray spectrometry."
2016	SAMUEL BENZ Superconducting Electronics Group Leader and NIST Fellow, National Institute of Standards and Technology, Boulder, Colorado, USA	"For creating and disseminating quantum- based superconducting voltage standards that form the basis for worldwide precision voltage measurements."
2015	JEAN-CHARLES BOLOMEY Emeritus Professor, University Paris Sud, Paris, France	"For pioneering contributions to efficient modulated probe array technology for fast electromagnetic near-field techniques and microwave imagery."
2014	THOMAS E. LINNENBRINK Manager, Teqovations, LLC, Colorado Springs, Colorado, USA	"For pioneering charge-mode analog-to- digital converters and for developing IEEE- standard converter terminology and test methods."
2013	DYLAN FORREST WILLIAMS Electrical Engineer, National Institute of Standards and Technology (NIST), Boulder, CO, USA	"For the development of traceable mismatch-corrected microwave-scattering parameters and temporal waveform calibration and measurement."
2012	RIK PINTELON Professor, Vrije Universiteit Brussel, Brussels, Belgium	"For the development of innovative system identification methods for measurement applications."

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| 2011 | REZA ZOUGHI
Schlumberger Distinguished
Prof., Missouri University of
Science and Technology
Rolla, MO, USA | "For contributions to microwave and millimeter wave measurement techniques for nondestructive testing and evaluation." |
| 2010 | NO AWARD | |
| 2009 | BRIAN PETER KIBBLE
Retired, National Physical
Laboratory
Middlesex, United Kingdom | "For pioneering experiments and techniques in the field of fundamental electrical metrology leading to the realization of SI units." |
| 2008 | ROBERT G. FULKS
Vice President, GenRad Inc
North Chatham, MA USA | "For pioneering developments in automated measurements." |
| 2007 | DOUGLAS KENT RYTTING
Rytting Consulting
Santa Rosa, CA, USA | "For seminal technical and leadership contributions to microwave network analyzer technology." |
| 2006 | ALESSANDRO M. FERRERO
Professor, Politecnico di Milano
Departimento di Electrotecnica,
Milano, Italy | "For advancing the measurement of electrical quantities in electric power systems under non-sinusoidal conditions." |
| 2005 | CLARK A. HAMILTON
President and CEO, Vmetrix, LLC
Boulder, CO, USA | "For making the dc Josephson array voltage standard a practical reality." |
| 2004 | HENRY PARSONS HALL
Retired/Senior Staff Scientist
GenRad, Inc.
Westford, MA, USA | "For fundamental contributions to electrical measurements, with particular emphasis on the development of impedance bridges and standards, and the application of microprocessors to impedance measurement science." |
| 2003 | NO AWARD | |