IEEE/RSE JAMES CLERK MAXWELL MEDAL
RECIPIENTS

2019  DAVID FLYNN
Visiting Professor, University of Southampton, Cambridge, UK
AND
DAVID JAGGAR
Former ARM Fellow, Canterbury, New Zealand
“For contributions to the development of novel Reduced Instruction Set Computer (RISC) architectures adopted in 100 billion+ microprocessor cores worldwide.”

2018  THOMAS BRYN HAUG
Former Chairman, Special Mobile Group, CEPT / currently ETSI (European Telecommunications Standards Institute); Solletuna, Sweden
AND
PHILIPPE DUPUIS
Former Chairman, Special Mobile Group, CEPT / currently ETSI (European Telecommunications Standards Institute); Gif-sur-Yvette, France
“For leadership in the development of the first international mobile communications standard with subsequent evolution into worldwide smartphone data communication.”

2017  NO AWARD

2016  GEOFFREY HINTON
Professor of Computer Science, University of Toronto, Toronto, Ontario, Canada
“For pioneering and sustained contributions to machine learning, including developments in deep neural networks.”

2015  LYNN CONWAY
Professor, University of Michigan, Ann Arbor, Michigan, USA
“For contributions to and leadership in design methodology and pedagogy enabling rapid advances and dissemination of VLSI design tools and systems.”

2014  DAVID NEIL PAYNE
Director, Optoelectronics Research Centre, Southampton, Hampshire, United Kingdom
“For ground-breaking contributions to optical fiber technologies and their application to optical communications.”

2013  RICHARD STEPHEN MULLER
Professor Emeritus and Professor in the Graduate School, Department of Electrical Engineering and Computer Sciences, University of California,
“For pioneering innovation and leadership in micro-electro-mechanical systems (MEMS) technology.”
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RECIPIENTS

Berkeley, Berkeley, California, USA

AND

RICHARD WHITE
Professor Emeritus, Department of Electrical Engineering and Computer Sciences, University of California, Berkeley, Berkeley, California, USA

2012 GERHARD SESSLER
Professor, Darmstadt University of Technology, Darmstadt, Germany
“For pioneering contributions to electroacoustic transducers, the development of silicon microphone technology, and seminal work on electroactive materials.”

2011 MARCIAN EDWARD HOFF
Chief Technologist (Retired), Teklicon, Inc.; Los Altos Hills, CA, USA
“For developments in programmable integrated circuitry for a wide range of applications.”

2010 AMAR G. BOSE
Chairman, Bose Corporation, Framingham, MA, USA
“For outstanding contributions to consumer electronics in sound reproduction, industrial leadership, and engineering education.”

2009 ALBERTO SANGIOVANNI-VINCENTELLI
Edgar L. and Harold H. Buttner Chair of Electrical Engineering, University of California at Berkeley, Berkeley, CA, USA
“For pioneering innovation and leadership in Electronic Design Automation that has enabled the design of modern, complex, electronics and communications systems and their industrial implementation.”

2008 TIMOTHY BERNERS-LEE
Director, World Wide Web Consortium and Science Researcher, Computer Science and Artificial Intelligence Lab, MIT, Cambridge, MA, USA
“For conceiving and further developing the World Wide Web.”

2007 ANDREW VITERBI
President of the Viterbi Group, LLC, San Diego, CA, USA
"For fundamental contributions, innovation, and leadership that enabled the growth of wireless telecommunications."

AND

IRWIN JACOBS
Chairman, QUALCOMM Incorporated, San Diego, CA, USA