IEEE/RSE JAMES CLERK MAXWELL MEDAL RECIPIENTS

2022
INGO WOLFF (LFIEEE)—Research Director, IMST GmbH, Kamp-Lintfort, Germany
“For the development of numerical electromagnetic field analysis techniques to design advanced mobile and satellite communication systems.”

2021
EVELYN LYNN HU (LFIEEE)—Gordon McKay Professor of Applied Physics and Electrical Engineering at Harvard University, Cambridge, Massachusetts, USA
“For leadership in nanoscale science and engineering, and for seminal contributions at the intersection of semiconductor electronics and photonics.”

2020
NO AWARD

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”
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<tr>
<th>Year</th>
<th>Recipient</th>
<th>Institution and Location</th>
<th>Citation</th>
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<tr>
<td>2014</td>
<td>DAVID NEIL PAYNE</td>
<td>Director, Optoelectronics Research Centre, Southampton, Hampshire, United Kingdom</td>
<td>“For ground-breaking contributions to optical fiber technologies and their application to optical communications.”</td>
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<td>of VLSI design tools and systems.”</td>
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<td>AND RICHARD WHITE</td>
<td>Professor Emeritus, Department of Electrical Engineering and Computer Sciences, University of California, Berkeley, Berkeley, California, USA</td>
<td>“For pioneering innovation and leadership in micro-electro-mechanical systems (MEMS) technology.”</td>
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<td>2013</td>
<td>RICHARD STEPHEN MULLER</td>
<td>Professor Emeritus and Professor in the Graduate School, Department of Electrical Engineering and Computer Sciences, University of California, Berkeley, Berkeley, California, USA</td>
<td>“For strategic contributions to the development of silicon-based microelectromechanical systems (MEMS).”</td>
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<td>“For pioneering innovation and leadership in micro-electro-mechanical systems (MEMS) technology.”</td>
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<td>2012</td>
<td>GERHARD SESSLER</td>
<td>Professor, Darmstadt University of Technology, Darmstadt, Germany</td>
<td>“For pioneering contributions to electroacoustic transducers, the development of silicon microphone technology, and seminal work on electroactive materials.”</td>
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<td>2011</td>
<td>MARCIAN EDWARD HOFF</td>
<td>Chief Technologist (Retired), Teklicon, Inc.; Los Altos Hills, CA, USA</td>
<td>“For developments in programmable integrated circuitry for a wide range of applications.”</td>
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<td>2010</td>
<td>AMAR G. BOSE</td>
<td>Chairman, Bose Corporation, Framingham, MA, USA</td>
<td>“For outstanding contributions to consumer electronics in sound reproduction, industrial leadership, and engineering education.”</td>
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<td>2009</td>
<td>ALBERTO SANGIOVANNI-VINCENTELLI</td>
<td>Edgar L. and Harold H. Buttner Chair of Electrical Engineering, University of California at Berkeley, Berkeley, CA, USA</td>
<td>“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.”</td>
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<td>2008</td>
<td>TIMOTHY BERNERS-LEE</td>
<td>Director, World Wide Web Consortium and Science Researcher, Computer Science and Artificial Intelligence Lab, MIT, Cambridge, MA, USA</td>
<td>“For conceiving and further developing the World Wide Web.”</td>
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RECIPIENTS

2007 ANDREW VITERBI
President of the Viterbi Group, LLC,
San Diego, CA, USA

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

"For fundamental contributions, innovation, and leadership that enabled the growth of wireless telecommunications."