

**IEEE/RSE JAMES CLERK MAXWELL MEDAL  
RECIPIENTS**

2024	KAM-YIN LAU (FIEEE)—Professor Emeritus, <u>Department of Electrical Engineering and Computer Sciences</u> , University of California, Berkeley, California, USA	“For spearheading high-speed semiconductor lasers and RF-over-Fiber Systems, enabling today’s wireline and wireless broadband access.”
2023	MAU-CHUNG FRANK CHANG (LFIEEE)—Wintek Chair and Distinguished Professor, Electrical & Computer Engineering Department, University of California, Los Angeles, Los Angeles, California, USA	“For contributions to heterojunction device technology and CMOS System-on-Chip realizations with unprecedented reconfigurability and bandwidth.”
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	“For contributions to the development of novel Reduced Instruction Set Computer (RISC) architectures adopted in 100 billion+ microprocessor cores worldwide.”
	AND	
	DAVID JAGGAR Former ARM Fellow, Canterbury, New Zealand	
2018	THOMAS BRYN HAUG Former Chairman, Special Mobile Group, CEPT / currently ETSI (European Telecommunications Standards Institute); Solletuna, Sweden	“For leadership in the development of the first international mobile communications standard with subsequent evolution into worldwide smartphone data communication.”
	AND	
	PHILIPPE DUPUIS Former Chairman, Special Mobile Group, CEPT / currently ETSI (European Telecommunications	

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Standards Institute); Gif-sur-Yvette,  
France

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,  
Berkeley, Berkeley, California, USA "For pioneering innovation and leadership  
in micro-electro-mechanical systems  
(MEMS) technology."

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."

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| 2009 | ALBERTO SANGIOVANNI-VINCENTELLI<br>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<br>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<br>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<br>Chairman, QUALCOMM Incorporated, San Diego, CA, USA  |  |