

**IEEE ERIC E. SUMNER AWARD**  
**RECIPIENTS**

- 2022 – LAJOS HANZO  
Chair of Telecommunications,  
Southampton University,  
Hampshire, United Kingdom  
"For seminal contributions to adaptive wireless communications."
- 2021 – EN-HUI YANG  
Professor, Department of Electrical and Computer Engineering,  
University of Waterloo, Waterloo,  
Ontario, Canada  
"For contributions to the theory and practice of source coding."
- 2020 - THEODORE (TED) S. RAPPAPORT  
David Lee/Ernst Weber Professor of Electrical Engineering, New York University, New York, USA  
"For pioneering contributions to radio channel modeling and characterization, and millimeter wave communication systems."
- 2019 - ANDREA GOLDSMITH  
Professor, Stanford University,  
Stanford, California, USA  
"For contributions to the fundamental understanding and innovation in adaptive and multiple antenna techniques for wireless communication networks."
- 2018 - PETER W. SHOR  
Morss Professor of Applied Mathematics, Massachusetts Institute of Technology,  
Cambridge, Massachusetts, USA  
"For contributions to quantum communication and information theory."
- 2017 - WILLIAM C. LINDSEY  
Professor, University of Southern California, Los Angeles, California, USA  
"For contributions to synchronization and digital communication technologies."
- 2016 – SHUO-YEN ROBERT LI  
Distinguished University Professor, University of Electronic Science and Technology of China, Chengdu City, China  
"For pioneering contributions to the field of network coding."
- AND  
RAYMOND W. YEUNG  
Choh Ming Li Professor of Information Engineering, The Chinese University of Hong Kong, Hong Kong, China
- AND  
NING CAI  
Distinguished Professor, the School of Information Science and Technology, ShanghaiTech

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University, Shanghai, China.

- 2015 - SANJOY MITTER  
Professor, Massachusetts Institute of Technology, Cambridge, Massachusetts, USA  
"For contributions to the unification of communications and control."
- 2014 - ALAN ELI WILLNER  
Steven & Kathryn Sample Chaired Professor in Engineering, University of Southern California, Los Angeles, CA, USA  
"For contributions to high-capacity, multiplexed, optical communication systems."
- 2013 - VAHID TAROKH  
Professor, School of Engineering and Applied Sciences, Harvard University, Cambridge, MA, USA  
"For contributions to block signaling for multiple antennas "
- AND  
HAMID JAFARKHANI  
Professor, University of California, Irvine, CA, USA
- AND  
SIAVASH ALAMOUTI  
Group R&D Director, Vodafone, Vodafone House, Newbury, Great Britain
- 2012 - JACK H. WINTERS  
Managing Member, Jack Winters Communications, LLC, Middletown, NJ, USA  
"For contributions to the theory and application of multiple-antenna systems in wireless communications."
- AND  
ANDREAS F. MOLISCH  
Full Professor, University of Southern California, Dept. of Electrical Engineering, Los Angeles, CA, USA
- 2011 - H. VINCENT POOR  
Michael Henry Strater University Professor, and Dean of Engineering and Applied Science, Princeton University, Princeton, NJ, USA  
"For pioneering contributions to multiple-access communications."
- 2010 - REINALDO VALENZUELA  
Director, Wireless Communications Research Department  
"For pioneering contributions to multi antennas systems and microwave propagation."

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Alcatel-Lucent Bell Labs  
Holmdel, NJ, USA

2009 – ROBERTO PADOVANI  
Executive Vice President and Chief  
Technical Officer  
Qualcomm, Inc.,  
San Diego, CA, USA

“For pioneering innovations in wireless communications, particularly to the evolution of CDMA for wireless broadband data.”

2008 - THOMAS L. KOCH  
Professor of Electrical & Computer  
Engineering and Physics, Center  
for Optical Technologies, Lehigh  
University,  
Bethlehem, PA, USA

“For pioneering contributions to optoelectronic technologies and their implementation in optical communications systems”

2007 – MICHAEL G. LUBY  
Chief Technical Officer, Digital  
Fountain, Inc., 39141 Civic Center  
Drive  
Fremont, CA, USA

“For bridging mathematics, internet design and mobile broadcasting as well as successful standardization.”

AND

AMIN SHOKROLLAHI  
EPFL, Professor of Mathematics &  
Computer Science  
Lausanne, Switzerland

2006 - ROBERT A. SCHOLTZ  
Fred H. Cole Professor  
Univ of Southern California, Los  
Angeles, CA, USA

“For pioneering contributions to ultra-wide band communications science and technology.”

AND

MOE Z. WIN  
Associate Professor, Massachusetts  
Institute of Technology,  
Cambridge, MA, USA

2005 – KRISHAN SABNANI  
Bell Labs, Lucent Technologies  
Holmdel, NJ, USA

“For seminal contributions to networking protocols.”

2004 – GERARD J. FOSCHINI  
Bell Labs, Lucent Technologies  
Holmdel, NJ, USA

“For innovation and outstanding contributions to communication theory, in particular on multi-element antenna technology for high spectral-efficiency communications.”

2003 – WERNER BUX  
Manager, Dpt. Of Comm. Sys.

“For contributions to the design, development and standardization of the token-ring local

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- IBM Zurich Research Lab.  
Ruschlikon, Switzerland
- AND
- HANS R. MUELLER  
Langnau, Switzerland
- 2002 – JOHN MIDWINTER  
University College  
London, England
- AND
- TSUNEO NAKAHARA  
Sumitomo Electric Industries, Ltd  
Osaka, Japan
- 2001 - NO AWARD
- 2000 - NO AWARD
- 1999 - HOWARD FRANK  
University of Maryland  
College Park, MD, USA
- AND
- IVAN T. FRISCH  
Polytechnic University  
Brooklyn, NY, USA
- 1998 -DONALD L. DUTTWEILER  
Bell Labs/Lucent Technologies  
Holmdel, NJ, USA
- AND
- DEBASIS MITRA  
Bell Labs/Lucent Technologies  
Holmdel, NJ, USA
- AND
- MAN MOHAN SONDHI  
Bell Labs/Lucent Technologies  
Murray Hill, NJ, USA
- 1997 - JEAN-PIERRE COUDREUSE  
Mitsubishi Information Technology  
Rennes, France
- area network."
- "For pioneering contributions to the physical understanding, manufacture, and deployment of optical fiber communications systems".
- "For innovative contributions to modeling and design of communications network."
- "For the conception and development of voice echo cancellers"
- "For fundamental contributions to broadband communications by Asynchronous Transfer Mode (ATM)."