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, ShanghaïTech University, Shanghai, China.

2015 - SANJOY MITTER
Professor, Massachusetts Institute
“For contributions to the unification of communications and control.”
IEEE ERIC E. SUMNER AWARD
RECIPIENTS

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

AND

HAMID JAFARKHANI
Professor, University of California, Irvine, CA, USA

AND

SIAVASH ALAMOUTI
Group R&D Director, Vodafone, Vodafone House, Newbury, Great Britain

"For contributions to block signaling for multiple antennas"

2012 - JACK H. WINTERS
Managing Member, Jack Winters Communications, LLC, Middletown, NJ, USA

AND

ANDREAS F. MOLISCH
Full Professor, University of Southern California, Dept. of Electrical Engineering, Los Angeles, CA, USA

"For contributions to the theory and application of multiple-antenna systems in wireless communications."

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, Alcatel-Lucent Bell Labs, Holmdel, NJ, USA

"For pioneering contributions to multi antennas systems and microwave propagation."
IEEE ERIC E. SUMNER AWARD
RECIPIENTS

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
   AND
   AMIN SHOKROLLAHI
   EPFL, Professor of Mathematics & Computer Science Lausanne, Switzerland
   “For bridging mathematics, internet design and mobile broadcasting as well as successful standardization.”

2006 - ROBERT A. SCHOLTZ
   Fred H. Cole Professor
   Univ of Southern California, Los Angeles, CA, USA
   AND
   MOE Z. WIN
   Associate Professor, Massachusetts Institute of Technology, Cambridge, MA, USA
   “For pioneering contributions to ultra-wide band communications science and technology.”

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. IBM Zurich Research Lab. Ruschlikon, Switzerland
   “For contributions to the design, development and standardization of the token-ring local area network.”
IEEE ERIC E. SUMNER AWARD
RECIPIENTS

AND

HANS R. MUELLER
Langnau, Switzerland

2002 – JOHN MIDWINTER
University College
London, England

AND

TSUNEO NAKAHARA
Sumitomo Electric Industries, Ltd
Osaka, Japan

"For pioneering contributions to the physical understanding, manufacture, and deployment of optical fiber communications systems".

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

"For innovative contributions to modeling and design of communications network."

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

"For fundamental contributions to broadband communications by Asynchronous Transfer Mode (ATM)."