

IEEE ERIC E. SUMNER AWARD
RECIPIENTS

- 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
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 "For contributions to block signaling for multiple antennas "

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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

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
Alcatel-Lucent Bell Labs
Holmdel, NJ, USA

"For pioneering contributions to multi
antennas systems and microwave
propagation."

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,

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

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Bethlehem, PA, USA

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.
IBM Zurich Research Lab.
Ruschlikon, Switzerland

“For contributions to the design, development
and standardization of the token-ring local
area network.”

AND

HANS R. MUELLER
Langnau, Switzerland

2002 – JOHN MIDWINTER
University College
London, England

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

AND

TSUNEO NAKAHARA
Sumitomo Electric Industries, Ltd
Osaka, Japan

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RECIPIENTS

2001 - NO AWARD

2000 - NO AWARD

1999 - HOWARD FRANK
University of Maryland
College Park, MD, USA

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

AND

IVAN T. FRISCH
Polytechnic University
Brooklyn, NY, USA

1998 -DONALD L. DUTTWEILER
Bell Labs/Lucent Technologies
Holmdel, NJ, USA

"For the conception and development of voice echo cancellers"

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)."