

IEEE ERIC E. SUMNER AWARD
RECIPIENTS

2024 – STEPHEN B. WEINSTEIN
Independent Consultant (Retired),
New York, New York, USA

“For fundamental contributions to frequency domain communications including orthogonal frequency division multiplexing.”

AND

LEONARD J. CIMINI, JR.
Professor, Department of Electrical
and Computer Engineering,
University of Delaware, Newark,
Delaware, USA

AND

GEOFFREY YE LI
Chair Professor in Wireless
Systems, Faculty of Engineering,
Department of Electrical and
Electronic Engineering, Imperial
College, London, United Kingdom

2023 – RADIA PERLMAN
Fellow, Dell Technologies,
Redmond, Washington, USA

“For contributions to Internet routing and bridging protocols.”

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

“For contributions to quantum communication

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Morss Professor of Applied
Mathematics, Massachusetts
Institute of Technology,
Cambridge, Massachusetts, USA

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
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

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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,
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

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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

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

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RECIPIENTS

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)."