# **EXECUTE** Long Island Section 2008 Annual Awards Ceremony

# **MESSAGE FROM THE CHAIRMAN**

# IEEE Colleagues and Friends:



As this year's Chairman, it is an honor and privilege to welcome everyone to the IEEE Long Island Section's 2008 Annual Awards Banquet. Long Island has had a tradition of pioneering innovation and technical accomplishments, making this a very proud moment and opportunity to present these awards to honor the outstanding achievements in engineering for 2007. We are privileged today, to have with us distinguished keynote speaker Stanley Zoubek, Technical Director and Chief Engineer of the Northrop Grumman Corporation Integrated Systems Eastern Region. In 2005 Stan was honored with the IEEE Region 1 Award for Electrical Engineering Management, which indeed, he truly deserves. Stan presently provides overall technical direction supervision for the Airborne Early Warning and Battle Management Command and Control Navy Programs for more than 450 engineers in association with the E-2C and E-2D Advanced Hawkeye Aircraft and C-2 Greyhound. This evening, Mr. Stan Zoubek will speak on

"Contributions of IEEE Engineers to the Development of the E-2D Advanced Hawkeye", a topic which I know everyone will enjoy.

I would like to also touch upon what makes this event, as well as all the other events and activities that the IEEE Long Island Section organizes and provides to our engineering community possible. It is both the tireless hard work of our volunteers and the continued very generous support of our local organizations. Without either of these, IEEE could not be successful or possibly even exist. I want to thank each and every one of our volunteers, supporters, members and friends personally for making what the IEEE Long Island Section does possible. Another shining example of this successful collaborated effort, is The Fourth Annual Long Island Systems, Applications and Technology Conference, also called LISAT2008, which will take place on Friday May 02, 2008 at Farmingdale State College of New York, details of which are in this Program or please visit our section's fabulous website: <a href="https://www.IEEE.LI">www.IEEE.LI</a>. Everyone is urged to attend and or support this excellent IEEE Long Island Section upcoming event.

Sincerely, William C. DeAgro, Chairman, IEEE Long Island Section



# **EEE** Awards Ceremony Agenda

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6:00 - 7:00 PM	Guest Arrival, Hors d'oeuvres	7:45 - 8:00 PM	IEEE Long Island Section Awards Jesse Taub, Awards Chairman
7:00 - 7:10 PM	Call to Order, Welcome William DeAgro Chairman, IEEE, L.I. Section	8:00 - 9:10 PM	Dinner
7:10 - 7:30 PM	Keynote Address: Stan Zoubek	9:10- 9:25 PM	IEEE Region 1 Awards Jesse Taub, Awards Chairman
	Technical Director Chief Engineer Northrop Grumman Corp	9:25 - 9:30 PM	Closing Remarks William DeAgro Chairman, IEEE, L.I. Section
7:30 - 7:45 PM	IEEE Long Island Section Volunteer Recognition William DeAgro	9:30 - 10:00 PM	Dessert and Coffee



(www.IEEE.LI)

# The Institute of Electrical and Electronics Engineers, Inc. Long Island Section

## 2008

#### **SECTION OFFICERS**

CHAIR: William C. DeAgro, Telephonics Corporation 1st VICE CHAIR: Santo Mazzola, BAE Systems 2nd VICE CHAIR: Bryan Tropper, BAE Systems

TREASURER: Brian Quinn, Verizon

SECRETARY: Jon Garruba, Northrop Grumman Corporation JUNIOR PAST CHAIR: Theodore Pappas, National Grid SENIOR PAST CHAIR: David Wolff, BAE Systems

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Aerospace and Electronic Systems: Richard S. Pierro, Technology Service Corporation

Antennas and Propagation: Bryan Tropper, BAE Systems

Circuits and Systems:

Chairman: Arthur Williams, Telebyte

Vice Chairman, Kenneth Schneider, Telebyte

Communications:

Chair: Dave Mesecher, Northrop Grumman Corporation

Vice Chairman: Brian Quinn, Verizon Computer: Daniel Rogers, Telephonics Corporation

Electromagnetic Compatibility:

Chairman: David Sterner, Honeywell, Vice Chairman: Tom Schneider, Telephonics

Engineering in Medicine and Biology: Ezra Gershon, Schick Technologies Instrumentation and Measurement Society: Nikolaos Golas, Telephonics Microwave Theory and Techniques: James Colotti, Telephonics Corporation Nuclear and Plasma Sciences: Bo Yu, Brookhaven National Laboratories

Power Engineering: John Michelsen Power Engineering LI Liason: Robert Bruce Signal Processing: Steven (Seyed) Mansourbeigi Society Coordinator: David Wolff, BAE Systems

Vehicular Technology: Arlene Zhang, Brookhaven National Laboratories

## **ACTIVITY AND AFFINITY CHARIS, 2008**

Awards Nomination Chairman: Jesse Taub, Consultant

Consultants Network of Long Island: Irwin Weitman, Cedar Engineering

Educational Activities Chairman: Charles Richardson,

The Literacy Council

Employment Assistance Committee Chairman: Steven Mansourbeigi

EJCLI: Charles Richardson, Charles Richardson,

The Literacy Council

Historian: Roderic V. Lowman IEEE USA Liason: Robert Bruce

Industry Liaison: Dave Mesecher, Northrop Grumman Corporation

LIMSAT: Frederick Kruger, Kruger Associates Inc.

LISAT: Charles Rubenstein, Pratt Institute

Membership Development: Ted Pappas, KeySpan Energy Nominations: David Mesecher, Northrop Grumman Corporation PACE: Irwin Weitman: Cedar Engineering

Professional Society Liaison: Dave Mesecher, Northrop Grumman Corp.

Program Chairman: David L. Wolff, BAE Systems

Student Activities Chair: Allison Fusswinkel, Northrop Grumman Corp.

Tellers Committee: John Peterson, Peterson Associates

Webmaster, LI Section: James Colotti, Telephonics Corporation

## Student OFFICERS

SUNY Stony Brook: President: Peter Poon

SUNY Stony Brook: Vice President: Daichi Ikegami

# **EX OFFICIO OFFICERS**

Region 1 Director: Howard Michel Area B Chair: Durgamadhab Misra METSAC Chair: Robert Pellegrino

# 2007

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SUNY Stony Brook: President: Jose Lee

SUNY Stony Brook: Vice President: Daichi Ikegami

### **EX OFFICIO OFFICERS**

Region 1 Director: Barry L. Shoop Area B Chair: Gerhard Franz METSAC Chair: Alan Stolpen



# Congratulates This Years Award Recipients!

# **Section Awards**

Harold Wheeler Award: Dr. Kenneth Schneider
Alex Gruenwald Award: Mr. Arthur Rossoff, Posthumously
Charles Hirsch Award: Dr. Babak Beheshti
Outstanding Young Engineer Award: Dr. Gabriella Carini

# **Region 1 Awards**

For outstanding support of LISAT Conference: Dr. John A. Fiorillo
For creating an exemplary professional exhibit for LISAT: Mr. Mark Sadick
For dedicated efforts contributing to the growth and current activities of the IEEE Long Island
Section of the APS: Mr. Bryan Tropper



Stan Zoubek
Technical Director /
Chief Engineer

Airborne Early Warning & Battle Management Command & Control

Northrop Grumman Corporation
Integrated Systems
Eastern Region

# FEATURING KEYNOTE ADDRESS BY

# Stan Zoubek

# "Contributions of IEEE Engineers to the Development of the E-2D Advanced Hawkeye"

Stan Zoubek provides overall technical direction and supervision for the AEW&BMC2-Navy Enterprise, consisting of over 450 engineers conducting a broad range of activities associated with the E-2C and E-2D Hawkeye as well as the C-2 Greyhound.

While serving as E-2D Advanced Hawkeye Chief Engineer from 2003 through 2006, Stan led the program's technical activities from the early stages of development through Preliminary Design Review and Critical Design Review; as Technical Director, he as seen this major Navy program through its successful first flight and first systems flight. Stan received his Bachelor of Science in Electrical Engineering from Rensselaer Polytechnic Institute, and Masters degrees in Electrical Engineering and Management of Technology from Polytechnic University. He is co-holder of one patent associated with the E-2C radar, and received the IEEE Region 1 Award for Electrical Engineering Management in 2005.



# 2008 IEEE Long Island Section Awards Banquet Sponsorship Honor Roll:

BAE Systems

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Telephonics Corporation

Northrop Grumman Corporation

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# Long Island Section Awards



# Harold Wheeler Award

Dr. Kenneth Schneider

"For technical and management contributions relating to the development of innovative data communication products"

Kenneth S. Schneider was born in New York, NY on April 16, 1945. He was educated at Cornell University where he received the B.S., M.Eng. (Electrical) and PhD degrees in 1965, 1966 and 1970 respectively. From 1970 until 1971 he worked at Hughes Aircraft Company in Culver City, California and was active in the area of satellite communications. From 1971 until 1976 he was a Member of the Technical Staff of the M.I.T. Lincoln Laboratory in Lexington Massachusetts. While there he was active in the development of satellite based systems for communications, navigation and surveillance. From 1976 until 1978 Dr. Schneider was a Senior Staff Member of the Network Analysis Corporation in Great Neck, New York and was involved in the design of large scale communication networks such as the ARPANET- the predecessor of the Internet. Dr. Schneider founded Sigcom, Inc. in 1978 to pursue the development of his own data communications product concepts. In 1983 Sigcom merged with two other companies to form Telebyte which is now based in Hauppauge, New York. Dr. Schneider served first as Vice President of Engineering at Telebyte and in 1999 became its Chairman and Chief Executive Officer. At Telebyte he has guided the development of numerous data communications products including modems and test equipment such as telephone local loop simulators and noise simulators. Dr. Schneider has also served as an Adjunct Professor at the Polytechnic Institute of New York. As a member of the IEEE since 1966 he has been active in the Information Theory, Communications, Quantum Electronics and Circuits and Systems groups. He has published close to 100 papers as well as 3 monographs and holds one patent. He is also a member of the Society of the Sigma Xi, Massachusetts Institute of Technology Chapter, which promotes research in science.



- The IEEE is a non-profit, technical professional association of more than 377,000 individual members in 150 countries.
- IEEE Vision: To advance global prosperity by fostering technological innovation, enabling members' careers and promoting community world-wide.
- IEEE Mission: The IEEE promotes the engineering process of creating, developing, integrating, sharing, and applying knowledge about electro and infor-

# **Telephonics Corporation**

# Congratulates

# Award Recipients of the IEEE Long Island 2008 Awards Banquet

Telephonics Corporation, a subsidiary of Griffon Corporation, is a worldwide leader in Integrated Information and Communication Systems Technology. We serve Aerospace, Defense, and Commercial markets throughout the globe. Whether it is in the air, on the sea, or ground-based, our electronic systems are on board to ensure the safety and security of thousands of military personnel and civilians worldwide.

For 75 years, our mission has been to provide innovative and cost effective electronic systems and products to military and commercial markets worldwide that meet or exceed performance and quality requirements through technical excellence, world-class manufacturing, and an unparalleled commitment to our employees and customers.



# Long Island Section Awards



# **Alex Gruenwald Award**

Mr. Arthur Rossoff, Posthumously

"For many contributions to the promotion of technology on Long Island, particularly the Long Island Forum for Technology and the Long Island Museum of Science and Technology"

Art Rossoff had a long and distinguished career as an engineer in industry and academia. He was the author of a widely used textbook, "Transistor Electronics," (1957) and taught at several area colleges. At Grumman, he played a vital role in the Apollo moon landing program. Art was a Fellow and board member of the world-wide IEEE Institute of Electrical and Electronics Engineers. He was a co-founder of LIFT (Long Island Forum for Technology). He served as the assistant to the president of Polytechnic University and helped to establish its undergraduate program in Farmingdale.

Art devoted 18 post-retirement years to the conception, nurturing, and leadership of the LIMSAT project, with the goal of establishing a hands-on museum of science and technology as part of Museum Row at Mitchel Field. He was a passionate advocate for the welfare of his fellow engineers and for the advancement of science education for Long Island Youth.

The Boards of Directors of both the Cradle of Aviation and of LIMSAT (Long Island Museum of Science and Technology joined in establishing the First Annual Science and Technology Award in memory of Arthur L. Rossoff, "as an inspiration for generations to follow."

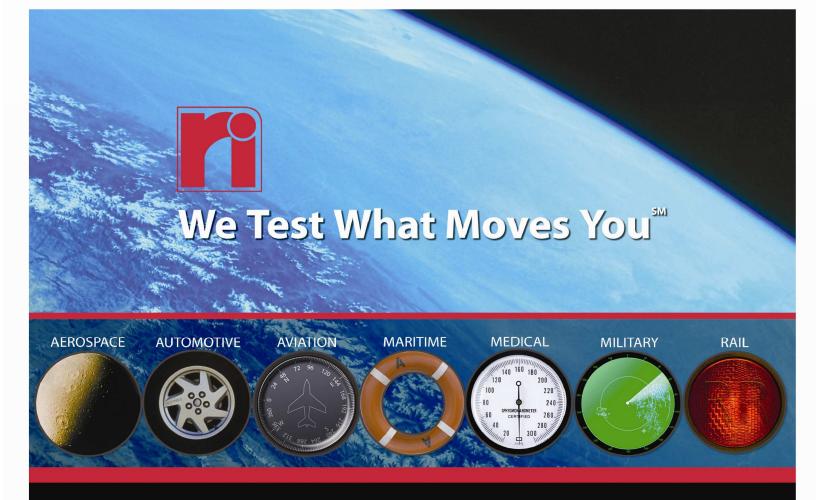
Art received his BSEE (1943) from CCNY and his MEE (1947) from Polytechnic Institute of Brooklyn (now Polytechnic University). Over his lifetime, he worked for Polytechnic University, Emerson Radio, Radio Receptor Co, General Instrument Corp, Grumman Aerospace Corporation, and then, once again, at Polytechnic University.

During his rich professional career, he held several positions with the IEEE and was awarded the Fellow of the Institute, Centennial Medal. Art was a member of Tau Beta Pi, Eta Kappa Nu and Sigma Xi.

Art was 85 when he died; August 3, 2007.

# SPECIAL THANKS TO OUR AWARDS NOMINATION COMMITTEE

Jesse Taub, Chairman Dr. Ralph James Alfred Lopez Rod Lowman Dr. Velio Marsocci Richard Mohr Dr. Martin Shooman Arlene Zhang



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# Region I Awards ~~~



# For outstanding support of LISAT Conference Dr. John A. Fiorillo

"For outstanding support of Long Island Systems, Applications and Technology (LISAT) Conference through enhancing student participation and development of college facilities"

John is a professor in the department of Electrical & Computer Engineering Technology at the Farmingdale State College campus of the State University of

New York. As the FSC IEEE Student Club advisor, he is instrumental in motivating students to participate in various IEEE based activities such as Micromouse Competitions, guest speaker presentations, field trips to local industry and LISAT conferences. His areas of specialization include, design & implementation of discrete and integrated amplifier systems, network theory, C\C++ programming and programmable instrumentation. Research interests include the design of systems that incorporate metal oxide semiconductor devices and SPICE based software packages. John received his Ph.D. from New York University, has been cited in Who's Who Among America's Educators & recognized by the Chancellor of the State University of New York for his Excellence in Teaching. Prior to his employment at the college, he worked as an electronics engineer where his responsibilities included the design & implementation of amplifiers used in modulation transfer function analyzers & instrumentation to monitor the deposition of thin film materials on various substrates. John has been an active member of the IEEE & ASEE throughout his career and serves as a member of the LISAT conference committee.



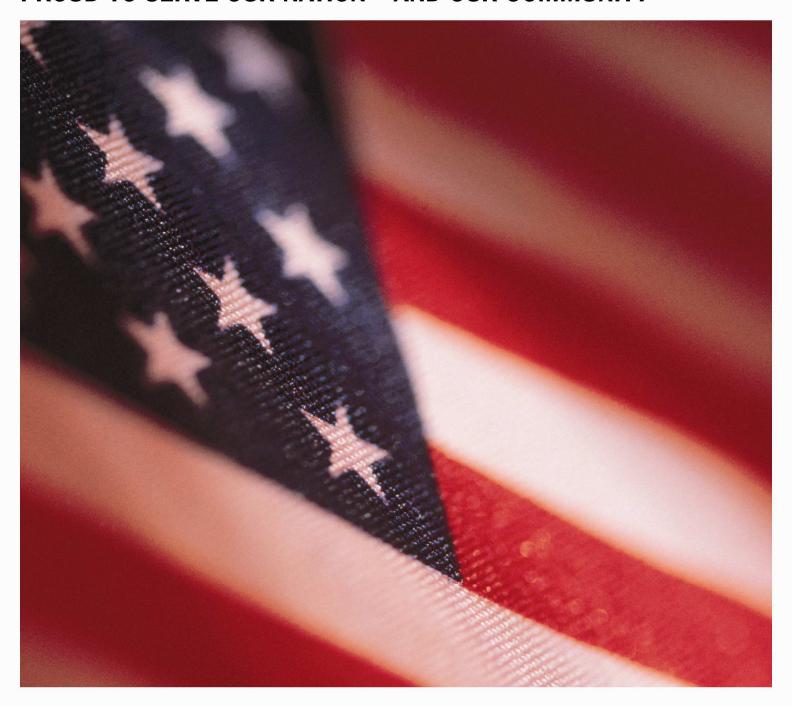
# Mr. Bryan Tropper

"For dedicated efforts contributing to the growth and current activities of the IEEE Region 1 and Long Island Section APS"

Bryan Tropper has been a member of the IEEE for over 16 years. Bryan is a Senior Member of the IEEE and is very active in volunteer leadership positions. Bryan is 2<sup>nd</sup> Vice Chair of the Long Island Section of the IEEE, as well as Chapter Chairman of the Long Island Section of the Antennas & Propagation Society. In addition, Bryan is a

Bryan has worked at BAE Systems since 2003 as a Senior Member of the Technical Staff. Bryan leads both software development for analysis and simulation, as well as hardware design & development of complex communication and GPS navigation systems. Bryan has expertise across the entire spectrum of technologies inherent in the wireless link. As a seasoned specialist in the wireless field, Bryan's expertise is helping to "bring laboratory technology into the marketplace". This is accomplished via a mixture of deep technical domain expertise coupled with years of engineering management experience. Bryan is certified in Earned Value Measurement techniques, trained in SEI CMMI guidelines as they apply to ISO 9000 Development and trained in the use of FAGAN processes for quality inspections. This permits Bryan to achieve an optimal balance between project scope, schedule and budget. Bryan obtained an MS degree in Electrical Engineering from the University of Illinois at Chicago in 1995, a BS degree in Electrical Engineering from the University of Illinois at Chicago in 1995, a BS degree in Electrical Engineering from the New York Institute of Technology in 1985, and is the Founder of Tropper Technologies Inc. (www.troppertech.com). Bryan, who enjoys sports with his wife and two boys, holds a 2nd degree Blackbelt in Ju Jitsu, is a Life Member of the United States Judo Association.

# PROUD TO SERVE OUR NATION - AND OUR COMMUNITY



At BAE Systems, we're as committed to being good local citizens as we are to providing the world's most advanced defense electronics and information technology solutions.

Congratulations to all of the 2008 IEEE Long Island Award Recipients.



# Long Island Section Awards



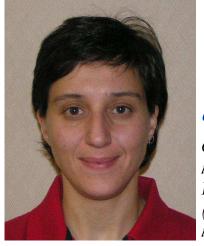
# **Charles Hirsch Award**

Dr. Babak Beheshti

"For noteworthy contributions to reconfigurable wireless technology"

Babak D. Beheshti has been an IEEE member for over 18 years and active in IEEE volunteer leadership positions at local, regional, and institute wide levels. Babak is a tenured faculty member in the School of Engineering and Computing Sciences, New York Institute of Technology, Old Westbury, New York, where he has served since 1987. Babak has presented in numerous technical conferences and has published over 12 papers in the past 4 years.

Babak has also been an active consultant and has held positions of increasing responsibility in technical management in the areas of wireless and cellular systems as well embedded microprocessor based systems, having worked directly with the world's most widely known handset manufacturers such as Nokia, Samsung, Siemens and LG. Babak received his BEEE and MSEE both in Electrical Engineering from State University of New York at Stony Brook, in 1985 and 1987, respectively. Babak received his PhD in computer science from KWU in 2004. Babak is author of numerous articles and papers, and has presented in many conferences on topics ranging from engineering education to wireless systems. Babak is a Senior Member of IEEE and a recipient of the IEEE Millennium Medal. Babak is a member of Tau Beta Pi engineering honor society, and Eta Kappa Nu electrical engineering honor society.



# **Outstanding Young Engineer Award**

Dr. Gabriella Carini

"For outstanding contributions to the advancement of semiconductor detectors for X-Ray spectroscopy"

Gabriella Carini is a research associate at Brookhaven National Laboratory, Upton (NY). She is currently involved in the development of X-ray Active Matrix Pixel Sensors (XAMPS) for the Linac Coherent Light Source (LCLS), Stanford (CA). This pixel array detector with integrated JFET switches has 100% fill factor, low noise, fast readout, single photon sensitivity and a dynamic range of more

than 10<sup>4</sup> photons. She has extensively worked in the development and characterization of sensors and materials for room-temperature detectors, particularly CdZnTe, and authored/co-authored more than 30 scientific publications. Gabriella earned her PhD in Electrical Engineering at the University of Palermo, Italy. At the 2006 IEEE Nuclear Science Symposium she received a certificate of outstanding contributions to the field of Nuclear Radiation Measurements for investigations of the role of Te inclusions in limiting the performances of CdZnTe detectors. She is co-winner of a 2005 R&D 100 Award for developing the CdZnTe Frisch-ring detector. This highly efficient and inexpensive detector can be used for nuclear medical imaging, environmental monitoring, galactic events studies, and nuclear-weapons safeguards. Gabriella is a member of the IEEE and SPIE.

National Grid and the

Long Island T&D

Congratulate the Recipients

of the

2008 IEEE

Long Island Section Awards

national**grid** 

# Region I Awards ~~~



For creating an exemplary professional exhibit for LISAT

Mr. Mark Sadick

"For creating an exemplary professional exhibit offering as part of the Long Island Section's IEEE Long Island Systems, Applications and Technology (LISAT) Conference"

As an Applications Engineer, Mark Sadick is responsible for all railroad and transit-related business for Retlif Testing Laboratories, both nationally and internationally. These two highly specialized markets require Mr. Sadick's over thirty years of engineering and sales experience in order to help insure that all of Retlif Inc.'s current and future customers consistently receive highly focused personalized service, customized solutions and timely, as well as accurate responses. Retlif Testing Laboratories, which will be celebrating its thirtieth anniversary this year, is one of the United States' largest, fully accredited, and independent, family owned compliance test organizations. As Retlif, Inc.'s "Good Will Ambassador", Mark employs his relationship building, consultative business development and networking skills, to act as a facilitator and solutions provider, by drawing upon Retlif Testing Laboratories' expertise in Electro-Magnetic Interference, Electro-Magnetic Compatibility, Environmental Simulation Services, In-Field and In-Lab Testing Capabilities, Test Procedures, Test Reports, as well as Program Management, Engineering and Consulting Services. Mark Sadick continues to utilize his extensive design, engineering and in-field experience in the areas of electric heating systems and controls, grounding systems, illumination sources, lightning protection, power quality and uninterruptible power supplies at Retlif, Inc. Mark is also MTA NYC Transit Track Safety Certified.

Prior to joining Retlif Testing Laboratories, Mark Sadick was the Sales and Marketing Manager for a Long Island-based contract manufacturer specializing in custom magnetics. He also served as the Director of Sales for a manufacturer of lightning protection, grounding systems and electric heating products. In addition, Mark was a sales engineer on the west coast for a manufacturer of commercial and industrial wiring devices and a business development account representative in the Los Angeles area, responsible for the petro-chemical market for one of the world's largest electrical wholesale distributors. Mark Sadick received his Bachelor of Science Degree from Rochester Institute of Technology, where he was placed on the Dean's List six out of twelve quarters.

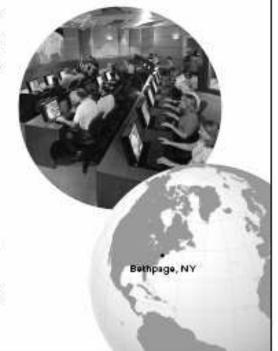
Mark pursues his goal of continuous personal and professional development and improvement through his membership and voluntary participation in the following professional organizations:

IEEE Long Island Section: Executive Committee, Awards Banquet Committee, Long Island Systems, Applications and Technology Conference Committee (2005 through 2007), IEEE Electromagnetic Compatibility Society and IEEE Vehicular Technology Society, American Railway Engineering and Maintenance-of—Way Association, Canadian Railway Club, Metropolitan Railway Club of New York, and the New England Railroad Club. Mark Sadick is very honored to receive this IEEE Region 1 Award and wishes to thank all his business associates, colleagues, fellow IEEE members, friends and especially his lovely wife, Analia, all of whom were and remain extremely supportive of his efforts to be part of the solution through volunteerism.



# Stan Zoubek

Chief engineer of Northrop Grumman's
Advanced Hawkeye program,
for the honor of being chosen this year's
keynote speaker; all of the 2008 IEEE
award winners; and the IEEE for
all that it and its members
contribute to the profession
and society.



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# ITT Corporation

would like to congratulate the 2008
IEEE Long Island Section
award recipients for their contributions:

Dr. Kenneth Schneider

Mr. Arthur Rossoff, Posthumously

Dr. Babak Beheshti

Dr. Gabriella Carini

Dr. John A. Fiorillo

Mr. Mark Sadick

Mr. Bryan Tropper





# Congratulations to each of the Long Island Section and Region 1 award recipients

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- The IEEE is a non-profit, technical professional association of more than 377,000 individual members in 150 countries.
- The IEEE produces 30 percent of the world's published literature in electrical engineering, computers and control technology.
- IEEE Vision: To advance global prosperity by fostering technological innovation, enabling members' careers and promoting community world-wide.
- IEEE Mission: The IEEE promotes the engineering process of creating, developing, integrating, sharing, and applying knowledge about electro and information technologies and sciences for the benefit of humanity and the profession.
- The IEEE and its predecessors, the AIEE (American Institute of Electrical Engineers) and the IRE (Institute of Radio Engineers), date to 1884.

# About the IEEE LI Section Awards

#### Harold Wheeler Award

This Award recognizes an IEEE member who has demonstrated outstanding technical and management abilities. Harold Wheeler was a world-famous engineer, who throughout his career at Hazeltine and Wheeler Labs, made many important technical contributions. He was a founding member of the IEEE Long Island Section.

#### Alex Gruenwald Award

This Award honors an IEEE member who has made important contributions to our profession on Long Island, and to the IEEE at large. Alex Gruenwald was an IEEE pioneer in the area of professional activities. He was a very active member of the Long Island Section, and went on to be a Region 1 Director.

#### Charles Hirsch Award

This Award recognizes an IEEE member who has made an outstanding technical contribution that has benefited Long Island. Charles Hirsch was a creative engineer at Hazeltine.

#### **Outstanding Young Engineer**

This Award honors a Long Island IEEE member who has made important technical contributions prior to his or her 35th birthday.

#### Athanasios Papoulis Award-

This award is presented to educators in engineering, science, or mathematics, either living or teaching within the boundaries of the Long Island Section of the IEEE, who has demonstrated innovative teaching techniques.

Athanasios Papoulis was a professor at Polytechnic University who was committed to promoting quality technical education on Long Island.

## **Outstanding Student Branch Award**

This award is given to an IEEE student branch that is from one of the Long Island engineering schools. The Award recognizes outstanding activities that encourage student interest in the IEEE.

# **About the IEEE Region 1 Awards**

# For outstanding support of LISAT Conference

For outstanding support of Long Island Systems, Applications and Technology (LISAT) Conference through enhancing student participation and development of college facilities.

## For creating an exemplary professional exhibit for LISAT

For creating an exemplary professional exhibit offering as part of the Long Island Section's IEEE Long Island Systems, Applications and Technology (LISAT) Conference.

## For dedicated efforts contributing to the growth and current activities of the IEEE Long Island Section of the APS

For dedicated efforts contributing to the growth and current activities of the IEEE Long Island/New York Chapter of the Antennas and Propagation Society.

# About the IEEE Fellow Award

Since 1963, IEEE has acknowledged those individuals who have contributed to the advancement of engineering science and technology.

As it stands today, the IEEE Grade of Fellow is conferred by the Board of Directors upon a person with an extraordinary record of accomplishments in any of the IEEE fields of interest. A brief citation is issued to new Fellows describing their accomplishments and the total number selected in any one year does not exceed one-tenth percent of the total voting Institute membership.

For information on how to submit an IEEE member for an award, please contact Jesse Taub, the IEEE Long Island Section Awards Committee Chairman at jtaub@aol.com.

# **<b>VIEEE** PREVIOUS MEMBER RECOGNITION

Long Island Section Historian, Rod Lowman, has compiled this list of past chairmen, living past awardees and fellows elected to the Section, and others attracted to the Section

#### WHEELER AWARD

2007 Ralph B. James 2006 Richard Kumpfbeck 2005 Peter MvVeigh 2004 Arie Kaufman 2003 Stanley Oken 2002 Edward M. Newman 2001 Gary R. Lomp 2000 James Smith 1999 Yacov Shamash 1998 Paul Richman 1997 Seymour Okwit 1996 Henry Bachman 1995 Jerome Swartz 1994 William Rubin 1993 Alfred Lopez 1992 Leonard Kahn 1991 Ivan Frisch 1990 Peter Hannan

# GRUENWALD A WARD

2007 David Wolff 2006 Daniel Rogers 2005 David Mesecher 2004 Charles Rubenstein 2003 William Rooney 2002 Babak Beheshti 2001 Thomas A. Campbell 2000 Herman Fialkov 1999 Eduardo f. Palacio 1998 Peter Buitenkant 1997 Eleanor Baum 1996 Irwin Weitman 1995 Stephen Barre 1994 Joel Snyder 1993 Robert Bruce 1992 Robert Barden 1991 Sheldon S.I. Chang 1990 Donald Christiansen 1989 Donald L. Schilling

## HIRSCH AWARD

2007 Yuri Okunev 2006 Aleksey Bolotnikov 2005 Peter Vanier 2004 Raj Bridgelall 2003 Bruce Willins 2002 Robert H. Pflieger 2001 Javed Siddiqui 2000 Gary Schay 1999 Robert Pang 1998 Joseph T. Merenda 1997 Donal Neuf 1996 Peter McVeigh 1995 Christopher Kaiteris 1994 Richard Kumpfbeck 1993 Zdenek Adler 1992 Mathew Dwork 1991 Ronald Rudish 1990 Sol Greenberg 1989 George Sandler 1988 Donald Grieco 1987 Roderic Lowman 1986 Stephen Shapiro 1985 Joseph Calviello 1984 Richaard Frazita 1983 Prof. E. J. Smith 1982 Evelyn Berezin 1981 John Stangel 1980 Prof. Enrico Levi 1979 A.D. Alexandrovich 1978 Richard LaRosa

# PAPOULIS AWARD

2007 Frank A. Cassara 2006 Surge Luryi 2006 K. Wendy Tang 2005 Kenneth Short 2004 Peter Voltz

## SECTION IEEE FELLOWS

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## INTERNATIONAL AWARDS

Dennis J. Picard Medal: Dr. William Caputi, Jr. Robert S. Walleigh Award: Charles Rubenstein SPECIAL AWARDS

## 2000 Millenium Awards

Santo Mazzola

David Mesecher

Andrew McNerney

Rex A. Nathanson

Harvey Altstadter Henry Bachman Robert Bruce Thomas Campbell David Doucette Ivan Frisch Alfred Lopez Rod Lowman Velio Marsocci Seymour Okwit Eduard Palacio John Pierro Paul Richman Jerome Schwartz Joel Snyder Wendy Tang Jesse Taub Irwin Weitman Bahak Beheshti Peter Eckstein

#### 1984 Centennial Award Henry Bachman

Donald Christiansen David Doucette L.B. Felsen F.J. Kosasek Roderic Lowman R.A. Olsen Velijko Radeka Arthur Rossoff J. Gregg Stephenson Jay Stewart Joel Snyder Jesse Taub J.G. Truxal David E. Weissman Victor Zourides

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1949 Orville M. Dunning\*

1948 Harold A. Wheeler

1947 Eric Isbister\*

\*Deceased

William Caputi, Jr. Leopold Felsen Ivan Frisch George Litchfold Nathan Marcuvits Anthony Papoulis Mischa Schwartz Jerome Swartz John Truxal Eric Forsyth