IEEE

LONG ISLAND SECTION

THURSDAY, MARCH 28, 2019

CREST HOLLOW, WOODBURY, NY

IEEE LONG ISLAND SECTION

AWARDS BANQUET 2019

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THURSDAY, MARCH 28, 2019
CREST HOLLOW COUNTRY CLUB, WOODBURY, NEW YORK

5:30 - 7:00 PM	GUEST ARRIVAL, HORS D'OEUVRES
7:00 - 7:10 PM	CALL TO ORDER
7:10 - 7:25 PM	KEYNOTE ADDRESS and WELCOME
7:25 - 7:35 PM	IEEE LI OFFICER RECOGNITION AWARDS
7:35 - 8:00 PM	**LONG ISLAND SECTION AWARDS**

Alex Gruenwald Award
Mr. Louis D'Onofrio, *Consultant*

Harold Wheeler Award
Mr. Paul O'Connor,
Brookhaven National Laboratories

Ms. Catherine McNally,
Telephonics Corporation

Lifetime Achievement Award
Mr. Kenneth Short,
Stony Brook University

Charles Hirsch Award
Mr. Paul Molnar,
Telephonics Corporation

Athanasios Papoulis Outstanding Educator Award
Dr. Steven Zhivun Lu,
New York Institute of Technology

Outstanding Young Engineer Award
Dr. Peter Milder,
Stony Brook University

Outstanding Volunteer of the Year Award
Ms. Rhonda R. Green,
Zebra Technologies

Velio Marsocci Outstanding Student Branch Award
Hofstra University IEEE Student Chapter

LI Section Organization of the Year Award
Renewable Energy & Sustainability Center
Farmingdale State College

REGION 1 AWARDS
Dr. Emre Salman,
Stony Brook University

8:00 - 9:00 PM	DINNER, PHOTO SESSION
9:00 - 9:15 PM	CLOSING REMARKS
9:15 - 9:30 PM	DESSERT

AWARDS BANQUET PROGRAM

EDITOR: James Colotti

GRAPHIC DESIGN: Anthony Giresi

DR. JOHN S. NADER
President, Farmingdale State College

Farmingdale State College
State University of New York

KEYNOTE ADDRESS

INSIDE THE BLACK BOX: WHAT'S REALLY HAPPENING IN UNDERGRADUATE EDUCATION?

Dr. John S. Nader became President of Farmingdale State College in July 2016. Since arriving, he has focused on the development of new academic programs, building partnerships with private industries and community colleges, advancing applied learning opportunities, expanding support for student scholarships, improving student services, and enhancing building and grounds. Under his guidance, the College recently adopted a new strategic plan and mission statement.

As president, Dr. Nader has initiated numerous aesthetic improvements to the Farmingdale campus. Flags representing the home countries of FSC's increasingly international student population are now incorporated into Ralph Bunche Plaza to recognize the national origin of Farmingdale graduates. Dr. Nader celebrates student artwork with a display in his home.

Farmingdale now enrolls over 10,000 students and has experienced the highest enrollment growth in the SUNY system over the past several years. The Chronicle of Higher Education identifies Farmingdale as one of the fastest growing baccalaureate colleges in the nation.

More than 100 new faculty and staff members have been hired in recent years as several new academic programs are being added. In 2017 the College completed a renovation of Conklin Hall, which now serves as a center of student activities. As a result of the College's rapid growth, Dr. Nader meets regularly with state legislators and civic leaders to advocate for a new $50M Applied Social Science building to serve several hundred additional students and faculty in applied psychology, applied economics, and criminal justice.

He serves on the executive committees of the Long Island Regional Advisory Council on Higher Education and the Skyline Athletic Conference. He is a member of the Long Island Regional Economic Development Council and is co-chair of Council's Workforce and Education Committee. Dr. Nader also serves on the NCAA's President's Advisory Group.

IEEE
Advancing Technology for Humanity

CHAIR'S MESSAGE

It is my honor to welcome you to the 66th Annual IEEE Long Island Section Awards Banquet. We are extremely fortunate to have a distinguished speaker, Dr. John Nader, the President of Farmingdale State College.

I would like to thank all of those who helped to prepare for the banquet tonight. The Awards Nominating Committee has done an excellent job of identifying truly deserving Awardees, and the Awards Banquet Committee has spent many hours in preparing for tonight event.

I would also like to take this opportunity to thank all of the various organizations who, through sponsorships and advertisements, have supported the IEEE Long Island Section. Tonight we are going to recognize the accomplishments of some extraordinary Engineers, who contributed significantly towards the growth of the IEEE Long Island Section and Region 1. Congratulations to each of the Awardees. I hope that they will continue their excellence in enhancing the technological development of society.

The strength of the IEEE Long Island Section comes from its volunteer members who offer their valuable time and effort to provide value to our membership. There are several significant events that will be held this year. The Long Island RF/Microwave Theory and Techniques Society is sponsoring a symposium on April 18th. The 15th annual Long Island Systems, Applications, and Technology Conference (LISAT) will be held at Farmingdale State College on May 3rd. The International Energy and Sustainability Conference (IESC) will be held at Farmingdale State College on October 17-18. The Power Electronics Symposium will be held on November 7th at the Radisson in Hauppauge.

I would encourage everyone to check the IEEE Long Island Section website (ieee.li) to stay informed of the many other seminars, lectures, and events that will be held this year.

I look forward to the opportunity to network with all of you who have joined us tonight. I would like to thank the Crest Hollow Country Club for providing this wonderful venue. Finally, it is my pleasure to thank you all for coming and I hope that you will enjoy our 2019 Awards Banquet.

Louis D'Onofrio, PE, SM IEEE
2019 Chair, IEEE Long Island Section

IEEE
LONG ISLAND SECTION

SPECIAL THANKS TO OUR AWARDS NOMINATION COMMITTEE

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Shaorui Li
Santo Mazzola
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Arnold Stillman
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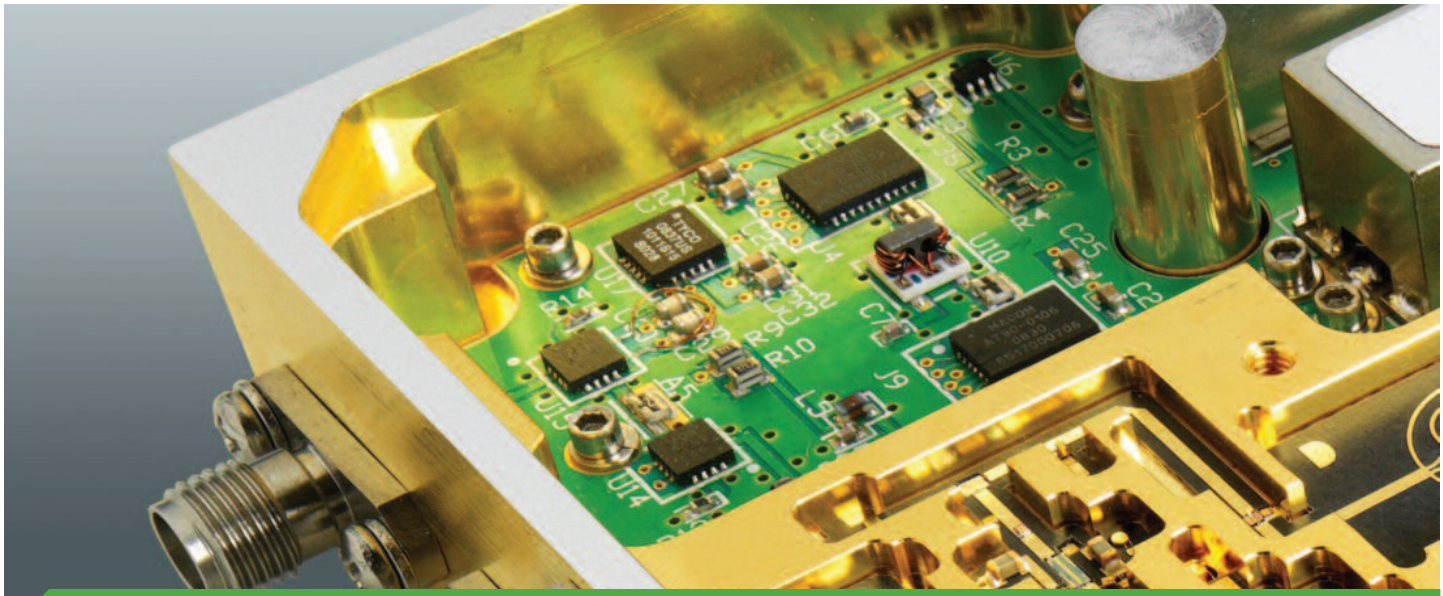

LONG ISLAND RF/MICROWAVE SYMPOSIUM & EXHIBITS

TRENDS IN MICROWAVES - 2019

Free Admission, all invited, members, non-members – but Registration is Required

Registration

This event is free for all attendees, but you must register online at www.ieee.li/microwave or scan the QR code.

Exhibitors $375 USD

More than 45 Leading RF & Microwave Companies Distributors And Manufacturer's Representatives Registered so far. Only few tables left!!!

Sponsors $1000 USD

- **ANSYS**
- **Keysight**
- **Mini Circuits**
- **Renaissance**
- **RFMW**

Registration for Exhibitors
https://events.vtools.ieee.org/m/191085

Registration for Sponsors
https://events.vtools.ieee.org/m/191088

Registration for Attendees
https://events.vtools.ieee.org/m/191091

Engineers, Managers, Students and Technical Professionals interested in the latest trends in Microwave, Millimeter Wave & RF Technology are all invited.

Date: Thursday, April 18, 2019
Time: Arrive/Leave Anytime, Noon - 8 PM
Location: Hauppauge Radisson, 110 Motor Pkwy, Hauppauge LI
Registration: 5G Workshop 8.30 AM Onwards
Symposium & Exhibits: 11 AM Onwards

LECTURE, LUNCH AND DINNER PROGRAM SCHEDULE:

09:00 AM– 11:30 AM **5G Workshop #1:** DR. ULRICH L. ROHDE Synergy Microwave Corp. NJ, *Next Generation Networks: Software Defined Radio*	
11:30 AM –1:00 PM **5G Workshop #2:** Dr Murthy Upamaka & Greg Albrecht, Keysight *5G NR Measurement Challenges.*	
12:00 PM - 1:00 PM *Complimentary Networking Lunch*	
1:00 PM - 1:30 PM Welcome & Keynote Address: Prof. Shiban K. Koul **CIRCUIT TO SYSTEM LEVEL PRACTICAL MICROWAVE EDUCATION**	
Technical Sessions	**5G Workshop Schedule**
1:30 PM - 2:30 PM Dr Walid Ali-Ahmed, *DML Lecture Advanced RF Front-End and Transceiver Systems Design Overview for Carrier Aggregation based 4G/5G Radios*	**1:30 PM - 3:30 PM** **5G Workshop #3** Dr Tom L. Marzetta, NYU WIRELESS Tandon School of Engineering NY *Fundamentals of Massive MIMO*
2:30 PM - 3:30 PM Dr Michael Knox, *Lecture: Cancellation Techniques for Full Duplex 2 x 2 MIMO Transceiver*	
3:30 PM - 4:30 PM: Dr. Simone Bastioli *DML Lecture: NON-RESONATING MODES DO IT BETTER!*	**3:30 PM - 5:30 PM** **5G Workshop #4** Dr Charlotte Blair, ANSYS *Planar Antenna Design For 5G Application*
4:30 PM - 5:30 PM To Be Announced	
5:30 PM - 6:00 PM Acknowledgments & Closing Remarks	
6:00 PM - 8:00 PM Complimentary Networking Dinner with Cash Bar	

Subject to change, please check the Symposium webpage for the latest information.

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LOUIS D'ONOFRIO
CONSULTANT

IEEE LONG ISLAND SECTION ALEX GRUENWALD AWARD

For outstanding leadership of the IEEE Long Island Section and its members.

Louis D'Onofrio received his Bachelor of Engineering Degree from SUNY at Stony Brook in 1973, and his MS from LIU-Post in 1977. He became a licensed Professional Engineer in 1979.

During his career in the Power and Energy industry, he was employed by LILCO/KeySpan/National Grid from 1973 to 2008. As an Electrical Engineer he was responsible for performing diagnostic testing of substation power transformers and power circuit breakers, analyzing the test results and recommending preventative maintenance. When electrical equipment failures occurred, he performed Root Cause Analysis to determine the cause of failure. He was also responsible for performing quality inspections of equipment at the manufacturer's facility prior to shipment to confirm conformance with design specifications.

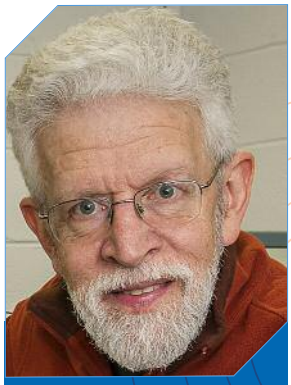
At the Long Island Railroad from 2008 to 2013, Lou was a Senior Project Manager responsible for quality inspections during the installation of new electric traction power substations.

From 2013 to the present Lou has been a consultant for PSEG-LI and M.J. Beck Consulting, where he has been responsible for project oversight during the installation of new solar generation projects.

IEEE LONG ISLAND SECTION

Lou is a Senior Member of the IEEE. He has been active in the IEEE Long Island Section activities for many years. In 2013-2014 served as the Chair of the Power & Energy Society. He has been a Section Officer since 2014. Currently Lou is currently the Long Island Section Chair and Vice-Chair of the Power and Energy Society.

In addition, Lou is also the Vice-President of the NYSSPE Long Island Chapter. He enjoys traveling, skiing, and spending time with his family and four grandchildren.



PAUL O'CONNOR
BROOKHAVEN NATIONAL LABORATORY

IEEE LONG ISLAND SECTION HAROLD WHEELER AWARD

For outstanding leadership and accomplishments in radiation detector development enabling instrumentation to advance science & technology.

Paul O'Connor is a Senior Scientist in the Instrumentation Division at Brookhaven National Laboratory. Before that, he was a member of Technical Staff at AT&T Bell Laboratories in Murray Hill, NJ and Reading, PA. His undergraduate degree is in Physics and Chemistry from Oberlin College, and he holds MSEE and PhD (Physics) degrees from Brown University. His research interests include sensors for radiation detection; low-noise analog CMOS electronics; detector systems; and experimental cosmology. His teaching experience includes two years teaching VLSI design at Stony Brook University and delivering an annual short course "Integrated Circuits for Detector Signal Processing" at the IEEE Nuclear Sciences and Medical Imaging Conference.

BROOKHAVEN NATIONAL LABORATORY

Notable projects that O'Connor has worked on include: studies of the two-dimensional electron gas at semiconductor heterojunction interfaces; high-speed optical fiber links; particle detectors for the CERN Large Hadron Collider and RHIC colliders; microelectronics for a variety of medical imaging instruments; and using software-defined radio techniques for radiotelescope array receivers. Since 2005, he has been the lead scientist for the Large Synoptic Survey Telescope camera's focal plane detectors and electronics. O'Connor is a Member of the American Physical Society and Life Senior Member of the IEEE. He holds the Distinguished R&D and Outstanding Mentor awards from BNL, and the Medal for Research Achievement from the Australian CSIRO. He has about 150 publications and seven patents.

O'Connor is a member of the Large Synoptic Survey Telescope project and the associated Dark Energy Science Collaboration; the Cosmic Microwave Background Stage 4 collaboration; and the Cosmic Visions 21cm collaboration. He lives with his wife Leslie in Bellport and his outside interests include music, hiking, kayaking, and cycling.

CATHERINE McNALLY
TELEPHONICS CORP.

IEEE LONG ISLAND SECTION HAROLD WHEELER AWARD

For excellence in technical leadership of complex aerospace communications systems development.

Catherine McNally-Blueweiss is the Engineering Projects Director for Telephonics Communications Systems Division. She is responsible for coordinating the efforts of multi-discipline design teams in the development of Telephonics Interphone Communication Systems. These systems are deployed on Air Force One, UH-60 Black Hawk, the B-52 Bomber, the Boeing Tanker Programs, & multiple other programs.

Cathy has a Bachelor's Degree in Electrical Engineering from Manhattan College, a Master's Degree in Computer Science from New York University (formerly Polytechnic University of New York), and 36 graduate credits in Engineering beyond the Master's degree. She is a certified Project Management Professional (PMP) and a Senior member of the IEEE. She is a former Adjunct Professor of Computer Science at Long Island University.

When not working, Cathy enjoys hiking with her husband, Lloyd Blueweiss, and spending time with her sons, Matthew and Tom DelCasale.

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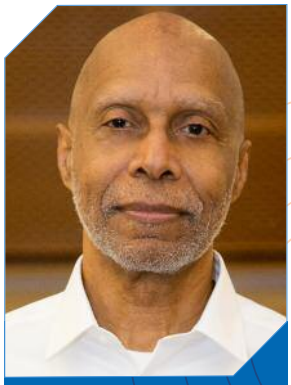

KENNETH SHORT
STONY BROOK UNIVERSITY

IEEE LONG ISLAND SECTION LIFETIME ACHIEVEMENT AWARD

For lasting excellence and unparalleled dedication to electrical engineering education.

Kenneth L. Short received his BSEE degree from Howard University, Washington, DC and the M.S. and Ph.D. degrees in electrical engineering from Stony Brook University. He is a professor of electrical and computer engineering at Stony Brook where he has taught for fifty years.

He has authored/co-authored technical papers and book chapters in the areas of digital systems design, embedded systems design, and instrumentation. He is the author of the books *Microprocessors and Programmed Logic* (Prentice-Hall) and *Embedded Microprocessor Systems Design* (Prentice-Hall) and *VHDL for Engineers* (Prentice-Hall). He is a recipient of the Frederick Emmons Terman Award from the American Society for Engineering Education and the Athanasios Papoulis Outstanding Educator Award from the IEEE Long Island Section. He has also received numerous other teaching awards, including: The Chancellor's Award for Excellence in Teaching, State University of New York and the President's Award for Excellence in Teaching, SUNY at Stony Brook.

Stony Brook University

At Stony Brook he has developed and taught numerous courses. He developed the ABET accredited computer engineering program at Stony Brook and served as its director for many years. He was instrumental in this program later becoming a separate a major.

He developed and serves as director of the Embedded Systems Design Laboratory & the Digital Systems Rapid Prototyping Laboratory at Stony Brook.

He is a member of the IEEE and a registered professional engineer in the state of New York.

NEW YORK INSTITUTE
OF TECHNOLOGY

College of Engineering
& Computing Sciences

Congratulations to all of this year's IEEE honorees and to NYIT Professor Steven Zhiyun Lu,

Recipient of the Long Island Section Athanasios Papoulis Outstanding Educator Award "for dedication to and excellence in teaching and unrelenting commitment to student success."

nyit.edu

PAUL MOLNAR
TELEPHONICS CORP.

IEEE LONG ISLAND SECTION CHARLES HIRSCH AWARD

For innovative design and implementation of software for airborne and ground-based radar and sensor platform applications.

Paul Molnar is currently a Principal Engineer at Telephonics Corporation in Huntington, NY. He develops software for ground and maritime surveillance radar systems. He particularly enjoys researching and implementing advanced radar imaging & target tracking algorithms. Paul is enrolled in the Leadership Development program at Telephonics and is a member of the Radar Tracker Center of Excellence committee. He has been invited to serve on several Software Engineering process working groups in his tenure at Telephonics.

Paul holds a Bachelor of Science and a Master of Engineering in Electrical Engineering from Cornell University. Paul obtained his New York State Professional Engineering license in 2015.

Paul first joined the IEEE as a student member at Cornell and was inducted into the Eta Kappa Nu Honor Society. He served as a teaching assistant for an introductory statistics course and as a tutor and grader for a signal processing course. After returning home from Cornell, Paul joined Periphonics Corporation, which later merged with Nortel. At Periphonics/Nortel, Paul developed software for Interactive Voice Response, video streaming, unified messaging, and speaker verification applications. He was invited to present a poster on his team's implementation of a speech-enabled video streaming server at Nortel's inaugural Technical Conference in Boston, MA in 2007. After ten years at Periphonics/Nortel, Paul joined Telephonics where he has worked for the past ten years.

TELEPHONICS®
Trusted Technology for a Tactical Advantage
A Griffon Company

Paul currently lives in Commack, NY with his wife Mary Joy, who is a Registered Nurse, and his son Zachary, who attends Pre-Kindergarten.

STEVEN ZHIVUN LU
NY INSTITUTE OF TECHNOLOGY

IEEE LI SECTION ATHANASIOS PAPOULIS OUTSTANDING EDUCATOR AWARD

For dedication to and excellence in teaching and unrelenting commitment to student success.

Steven Zhiyun Lu received his Ph.D. degree in Aerospace Engineering from Cornell University in 1986 and M.S. degree in Mechanical Engineering from Cornell University in 1983. He was awarded the John McMullen Graduate Fellowship by Cornell Sage Graduate Center in order to sponsor his Ph.D. program. Lu has focused his research on developing numerical methods for solving the Navier-Stokes equations with emphasis on the technologically important limit of high Reynolds numbers. He is the principle architect of a novel numerical algorithm diffusing-vortex numerical scheme for solving incompressible Navier-Stokes equations once considered to be one of the most efficient algorithms and promising means for solving the NavierStokes equations for a wide range of fluid flow problems of industrial interest with high Reynolds number.

Lu held Senior Engineer positions working as principal Investigator for National Science Foundation SBIR project and Department of Defense projects, directly solving vorticity equations for incompressible fluids and completely developing large two-dimensional & three-dimensional finite element Eulerian codes before joining NYIT in 1990. He has published the results of some of his research in the most prestigious journals, including the Journal of Computational Physics and AIAA journal. He served as reviewer for several international journals including Physics of Fluids, the Journal of Computational Physics, Journal of Fluid Mechanics, and AIAA Journal.

NYIT School of Engineering & Computing Sciences

Lu served has the Chairperson of the Department of Mechanical Engineering at NYIT from 1997 to 2015.

Since joining NYIT in 1990, Lu has taught fourteen different courses offered by the Department of Mechanical Engineering at the undergraduate and graduate levels, covering the fields of both thermal fluids and solid mechanics.

PETER MILDER
STONY BROOK UNIVERSITY

IEEE LI SECTION OUTSTANDING YOUNG ENGINEER AWARD

For his contributions toward breakthroughs in improving acceleration of machine learning using field-programmable gate arrays and in domain-specific tools to automate the construction of high-quality hardware for linear digital signal processing.

Peter Milder is an Associate Professor of Electrical and Computer Engineering at Stony Brook University. Prior to joining the faculty at Stony Brook in 2012, he earned his BS, MS, and PhD degrees from Carnegie Mellon University in Electrical and Computer Engineering. Peter's research centers on the use of customized digital hardware systems, exploring how to make them more efficient and easier to build. Specifically, his work has focused on domain-specific languages and tools for automatic hardware generation, FPGA accelerators, and hardware for machine learning and signal processing. His recent research has been supported by the National Science Foundation and the Semiconductor Research Corporation.

A major result of Peter's work (and winner of the 2014 ACM TODAES Best Paper Award) is the Spiral customized hardware generation tool for linear signal processing transforms, which uses a mathematical domain-specific language for optimization and generation. Peter created an online FFT hardware generator; visitors have used this tool to generate over 50,000 customized Verilog implementations of FFT cores. Peter's recent work has focused on problems including: hardware for machine learning (such as convolutional neural networks); FPGAs for fully homomorphic encryption; energy-efficient spectrum sensing; formal verification; sorting large datasets; and tools to improve FPGA designer productivity.

At Stony Brook, Peter teaches courses related to hardware design, FPGAs, machine learning, and signal processing. He has recently created a new graduate course, "Hardware Architectures for Deep Learning," which combines hardware design and modern machine learning techniques; students use FPGAs to accelerate applications based on deep learning.

Peter has served on various conference program committees and review committees, including DAC, ICASSP, SiPS, and MEMOCODE, and he has reviewed papers for a variety of IEEE and ACM journals. He is a member of the IEEE and ACM.

RHONDA R. GREEN
ZEBRA TECHNOLOGIES

IEEE LONG ISLAND SECTION OUTSTANDING VOLUNTEER OF THE YEAR AWARD

For outstanding contributions to the success of the Signal Processing Society, Women in Engineering and for recommending to colleagues the benefit of IEEE membership.

Rhonda Green is the Strategic Account Incident Manager within the Global Support Services organization for Zebra Technologies in Holtsville, Long Island. Her role requires her to assist engineers with restoring customer's products and systems to normal service as quickly as possible.

Prior to joining Zebra Technologies, Rhonda worked at the Carnegie Mellon Software Engineering Institute from 1989-2000.

One of her proudest moments was delivering the keynote address at the United Nations Commission on the Status of Women. She presented on the topic of Protecting and Empowering Women to Succeed in the Changing World of Work. She was then recognized by her employer who gave her the Employee Spotlight where they posted a summary of the event across the company worldwide.

Among her many philanthropic endeavors, Rhonda is a board member for the Institute of Electrical and Electronics Engineers (IEEE), Long Island Section and serves as the Chair of the Young Professionals Affinity Group. Her previous assignment was Vice Chair of the Signal Processing Society. She is a member of the Smithtown School District Industry Advisory Board and is also serving as Parliamentarian for The Links, Incorporated Eastern Shore NY chapter.

Rhonda graduated from Carnegie Mellon University with a Bachelors of Science in Industrial Management. She also holds a Masters of Science in Management of Technology from New York University Tandon School of Engineering.

IEEE LISAT2019

Advancing Technology for Humanity

Congratulations to All Awardees

Farmingdale State College

Proud Sponsor of the

2019 IEEE Long Island Section Awards Banquet

Since 2005, the College has partnered with the IEEE Long Island Section to promote excellence in professional development activities and LISAT Conferences provided by the Section for members of the engineering and scientific community throughout the Long Island and metropolitan regions.

Farmingdale State College applauds the Long Island Section for its commitment to the academic and professional development of students studying engineering and engineering-related disciplines. The College is grateful for the Section's partnership with the Farmingdale College Foundation to provide scholarships which assist students in achieving their academic aspirations.

farmingdale.edu

Farmingdale State College
State University of New York

190212

IEEE STUDENT BRANCH
HOFSTRA UNIVERSITY

IEEE LONG ISLAND SECTION VELIO MARSOCCI OUTSTANDING STUDENT CHAPTER AWARD

For encouraging careers in Biomedical, Electrical, Electronic, and Computer Engineering through outreach to high schools.

The Hofstra University IEEE Student Branch has been active since 1998 under the supervision of its adviser, Dr. Sleiman R. Ghorayeb. In December, 2012, the IEEE-HKN Lambda Xi Chapter was also founded also by Dr. Ghorayeb. Through a variety of service programs and leadership training, student members in both IEEE and HKN get involved in a variety of activities and develop lifelong skills that earmark them for prominent position in the industry and academia.

In the 2018-2019 academic year, the IEEE Student Branch and Lambda Xi held an HKN Founders Day event to provide students an opportunity to revisit their Chapter qualifications. Hofstra University hosted the Long Island FIRST Robotics competition and held an engineering open house for High School students in collaboration with FIRST Long Island. Students from IEEE-HKN Chapter and Society of Women Engineers (SWE) volunteered to help with this program. High school students participating had an introduction presentation followed by a soldering safety training session and were divided into groups for Toy Adaptation Project. The completed toys were donated to children with autism. Both the IEEE and HKN branches are planning several functions for the upcoming Spring 2019 semester which include the Hofstra Engineering Day to introduce girls in High Schools to Engineering and visits to local High Schools. The academic year will end with a celebration picnic that will bring all students and faculty in the School of Engineering together.

The Hofstra University IEEE Student Branch was the recipient of the "Key Chapter Recognition Award" for both 2016 and 2017. The IEEE Student Branch was also the recipient of the "First Place 2012 Ethics Contest" in the IEEE Region 1 Student Activities, and the "2012 Outstanding Student Chapter Award".

IEEE LONG ISLAND SECTION ORGANIZAION OF THE YEAR AWARD

For presenting outstanding seminars and conferences and hosting many IEEE Long Island Section lectures.

RENEWABLE ENERGY & SUSTAINABILITY CENTER
FARMINGDALE STATE COLLEGE

The Renewable Energy & Sustainability Center (RESC) at Farmingdale State College (FSC) was established in 2013. The mission of the center is to enhance public awareness of emerging renewable energy resources through a focus on applied research and workforce training in the renewable/sustainable and smart grid technologies. The Center is housed in the School of Engineering Technology (SET) and offers complementary training programs in other technology and manufacturing areas to serve the workforce needs of the Long Island. RESC develops certificate-level training programs in clean and renewable energy areas. The Center utilizes a data driven approach to collect information regarding short and long term industry needs. The result of surveys is used to develop non-credit bearing certificate programs to meet their current needs. Some recent successful examples of these programs are Natural Gas Technician Certificate Program and Geothermal system Installer and Inspector program. The industry partners in these programs are National Grid and PSEG-LI. The Center also collaborate with engineering professional societies such as IEEE and ASME and local industry as well as the local and regional academic institutions to offer technical seminars and short courses to industry professionals and public in the area of energy, sustainability and engineering education. Those attending these seminars will receive PDH credits.

The center's staff consists of Director, Prof. Marjaneh Issapour, Instructional Support specialist, Mr. Kivman Lee, and administrative assistant, Ms. Anna Godas. RESC's effort and past performance was recently recognized in the New York State and State University of New York (SUNY) via a $790,000 SUNY-PIF (Performance Improvement Fund) grant. The Lt. Governor Kathy Hochul and SUNY Chancellor Dr. Johnson came to campus on Sept 24, 2018 to announce this award.

CONGRATULATIONS!

All of us at Retlif Testing Laboratories extend our sincerest congratulations to each one of the deserving 2019 IEEE Long Island Section honorees on a job well done.

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EMRE SALMAN
STONY BROOK UNIVERSITY

REGION 1 AWARD
TECHNOLOGICAL INNOVATION
(ACADEMIC)

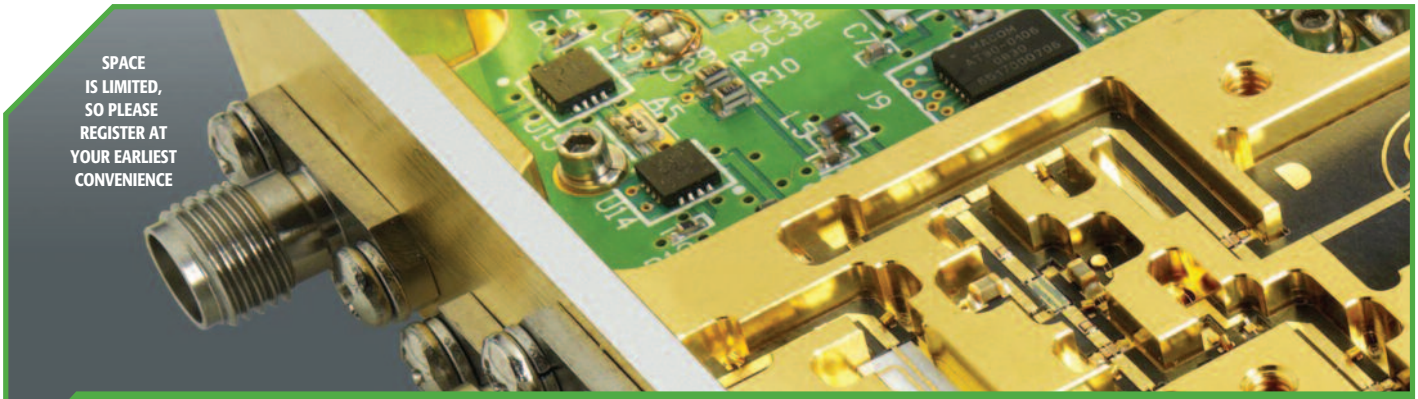
For outstanding contributions to developing energy-efficient and secure 3D integrated circuits.

Dr. Emre Salman received the B.S. degree in microelectronics engineering from Sabanci University, Istanbul, Turkey, in 2004, and the M.S. and Ph.D. degrees in electrical engineering from the University of Rochester, NY, USA, in 2006 and 2009, respectively.

He was previously with STMicroelectronics, Synopsys, and Freescale Semiconductor (now NXP Semiconductors), where he was involved in research in the fields of custom circuit design, timing, and noise analysis. Since 2010, he has been with the Department of Electrical and Computer Engineering, Stony Brook University (SUNY), where he is currently an Associate Professor and the Director of the Nanoscale Circuits and Systems Laboratory. He is the leading author of a comprehensive tutorial book published by McGraw-Hill in 2012, which was translated into Chinese in 2015. His broad research interests include analysis, modeling, and design methodologies for integrated circuits and VLSI systems with applications to low power and secure computing, Internet of things with energy harvesting, and implantable devices.

Dr. Salman was a recipient of the National Science Foundation CAREER Award in 2013, the Outstanding Young Engineer Award from IEEE Long Island, NY, in 2014, a Best Paper Award from SRC TECHCON in 2016, and the Technological Innovation Award from IEEE Region 1 in 2018. He also received multiple outreach initiative awards from the IEEE Circuits and Systems Society. He served on the Editorial Board of the IEEE Transactions On Very Large Scale Integration Systems. He currently serves as the Americas Regional Editor for the Journal of Circuits, Systems and Computers, on the organizational/technical committees of various IEEE and ACM conferences, and as the Chair-Elect for the VLSI Systems and Applications Technical Committee of the IEEE Circuits and Systems Society.

Stony Brook University



SPACE IS LIMITED, SO PLEASE REGISTER AT YOUR EARLIEST CONVENIENCE

LONG ISLAND RF/MICROWAVE SYMPOSIUM & EXHIBITS

TRENDS IN MICROWAVES - 2019

THURSDAY, APRIL 18, 2019 • RADISSON HOTEL, 110 MOTOR PARKWAY, HAUPPAUGE • 12:00 PM - 8:00 PM

FREE ADMISSION
All invited, members and non members– ***but you must register.***

All Microwave Products/Services Exhibits are available from 12:30-8:00 PM

REGISTRATION
This event is **FREE** for attendees, but you *must register online at:* **www.ieee.li/microwave**

IEEE
MTT-S

Organized by the Long Island Chapter of the IEEE Microwave Theory & Techniques Society, **www.ieee.li/mtt**

For more information:
mtt@ieee.li

SYMOPOSIUM SCHEDULE*

REGISTRATION: 5G WORKSHOPS - 8:30 AM Onwards, **SYMPOSIUM & EXHIBITS** - 11:00 AM Onwards

TIME	SPEAKER	AFFILIATION	TOPIC
12:00 PM to 1:00 PM			**Complimentary Networking Lunch**
1:00 PM to 1:30 PM	**PROF. SHIBAN K. KOUL,** IEEE Fellow, MTT AdComm	IIT Delhi, India	**WELCOME and KEYNOTE ADDRESS** *Circuit System Level Practical Microwave Education*
			5G WORKSHOPS
9:00 AM to 11:30 AM	**DR. ULRICH L. ROHDE** IEEE Fellow, MTT Technical Committee	Chairman, Synergy Microwave Corporation, New Jersey	**5G WORKSHOP #1** *Next Generation Networks: Software Defined Radio and Eneregy Trends*
11:30 AM to 1:00 PM	**DR. MURTHY UPAMAKA and GREG ALBECHT**	Keysight Technologies	**5G WORKSHOP #2** *5G NR Measurement Challenges*
1:30 PM to 3:30 PM	**DR. TOM L. MARZETTA**	Prof., NYU WIRELESS Tandon School Of Engineering, NY	**5G WORKSHOP #3** *Fundamentals of Massive MIMO*
3:30 PM to 5:30 PM	**DR. CHARLOTTE BLAIR**	ANSYS	**5G WORKSHOP #4** *Planar Antenna Design for 5G Application*
			TECHNICAL SESSIONS
1:30 PM to 2:30 PM	**DR. WALID ALI-AHMED** Distinguished Microwave Lecturer	Facebook Specialty Team	**TECHNICAL SESSION 1** *DML Lecture: Advances RF Front-End & Transceiver Systems Design Overview for Carrier Aggregation-based 4G/5G Radios*
2:30 PM to 3:30 PM	**DR. MICHAEL KNOX**	Prof., NYU WIRELESS Tandon School Of Engineering, NY	**TECHNICAL SESSION 2** *Cancellation Techniques for Full Duplex 2 x 2 MIMO Transceiver*
3:30 PM to 4:30 PM	**DR. SIMONE BASTIOLI** Distinguished Microwave Lecturer	RS Microwave Company, New Jersey	**TECHNICAL SESSION 3** *DML Lecture: Non resonating Modes Do It Better!*
4:30 PM to 5:30 PM			**TECHNICAL SESSION 4** *To Be Announced*
			RECEPTION
5:45 PM to 6:00 PM			**Acknowledgments & Closing Remarks**
6:00 PM to 8:00 PM			**Complimentary Networking Dinner with Industry Colleagues; Cash Bar**

*Subject to change, check **https://ieee.li/microwave** for the latest information **Tentative

FRIDAY, MAY 3, 2019

LISAT 2019

Fifteenth Annual IEEE Long Island Systems, Applications and Technology Conference

HELD AT THE FARMINGDALE STATE COLLEGE OF THE STATE UNIVERSITY OF NEW YORK, FARMINGDALE, NY

CALL FOR PAPERS, PRESENTATIONS, EXHIBITORS & STUDENT PAPERS

The Long Island Systems, Applications and Technology (LISAT) Conference features several parallel professional tracks including topics in systems, applications, and technology; a PDH program and an Exhibition. We are soliciting submissions for participation in both the technical program, applications program, and the exhibition, and are interested in papers, presentations, and exhibits that showcase the development and use of technology by local organizations. Small and Large Businesses, Government Agencies, Undergraduate and Graduate students are encouraged to submit papers in an area of their interest or current work. LISAT 2019 will also include Distinguished Lecture presentations on topics of strong interest to the scientific and engineering community and will provide the opportunity for select student papers to be presented.

Authors shall be required to provide a six (6) page IEEE standard manuscript for publication in IEEE Xplore, and will be required to make a Power Point TM presentation at the conference. Manuscripts are subject to the LISAT Technical Program Committee's peer review and may require revision prior to final acceptance. Important dates for the Technical Program are:

LISAT 2019 IMPORTANT DATES	
FINAL MANUSCRIPT EDITS, BIOS, AND POWERPOINT DUE	APRIL 12, 2019
PRESENTER REGISTRATION	APRIL 19, 2019
LISAT 2019 CONFERENCE	MAY 3, 2019

Detailed instructions on submission, manuscript and presentation templates, and information on the conference are available on the LISAT web site at **www.ieee.li/lisat** . Manuscript format must agree with requirements specified in the Author's Kit, which will be made available.

Each presentation will be 15 minutes long followed by 5 minutes of Q&A. At least one author must register for the conference f***or each paper/presentation***. If one presenter is presenting multiple papers, then multiple registrations are required. A limited number of tutorial and application presentations, which will not be published by the IEEE, may also be accepted.

LISAT has a strict "No Podium, No Publish" policy. "Manuscripts will only be submitted for publication in IEEE Xplore if a presentation is made at the Conference."

For information on Exhibiting at LISAT, please contact: **exhibits@ieee.li**. **For all other informatio**n contact LISAT 2019 Technical Program Committee Chair: Dr. Ronald Pirich at **rpirich@gmail.com**, Conference Chair: Dr. Charles Rubenstein at **c.rubenstein@ieee.org** or Conference Co-Chair: Dan Rogers at **drogers@ieee.org.** LISAT is sponsored by the IEEE Long Island Section and its Technical Society Chapters and IEEE Region 1, in cooperation, for the last fifteen years with the Farmingdale State College of SUNY.

LISAT encourages submissions from all areas of engineering, science, and technology. Topics of particular interest include Surveillance & Navigation Systems, Communications (Military and Commercial), Sensors and Advanced Electronics, Photonics, Fiber Optics and Wireless Technologies and Applications, Data Acquisition, Analysis and Computational Science, Microelectronics and Antennas for Commercial, Military and Space-Based Applications, Nanomaterials, Climate, Environment and Biosciences, Energy and Cyber Security and Health Sciences and Health Care.

Releases and Approvals: This conference will be unclassified and attended by both US and non-US persons. It is the author's responsibility to obtain all required company and government releases and approvals prior to making a paper submission. A statement that such releases and approvals have been obtained as well as a completed IEEE Copyright Form (signed by the submitting author) must accompany the manuscript of each accepted paper. For those requiring a travel visa, it is strongly recommended that Authors apply for their visa as soon as is possible.

IEEE

Farmingdale State College
State University of New York

The awards presented at the 2019 IEEE Awards Ceremony are supported by the generosity of the following organizations:

New York Institute of Technology (NYIT)

Telephonics

Retlif Testing Laboratories

Stony Brook University

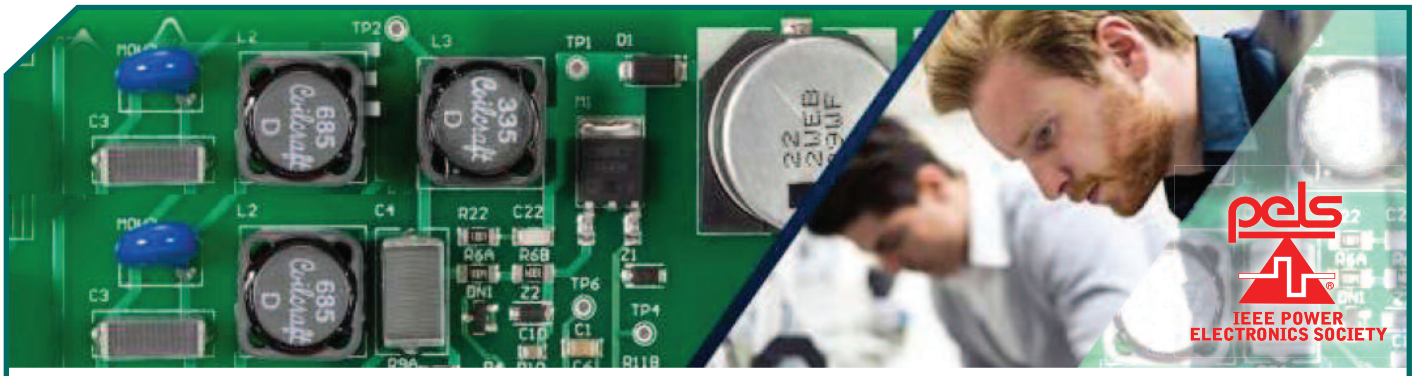
Hofstra University

Farmingdale State College

Long Island Consultants Network (LICN)

Zebra Technologies

Advanced Technical Marketing
BAE Systems
Contech Marketing
Lou D'Onofrio
Keysight Technologies
Superior Technical Solutions
John Vodopia



THURSDAY, NOVEMBER 7, 2019 • **RADISSON HOTEL**, 110 MOTOR PARKWAY, HAUPPAUGE LI • NOON TO 8 PM

IEEE LI SECTION POWER ELECTRONICS SYMPOSIUM 2019

All professionals (engineers, managers, etc.) involved in the use, design, qualification, test or manufacture of power supplies, power converters, power management, servos or energy storage are invited. All sectors of power electronics are represented including military, industrial, medical, space, consumer and automotive.

CALL FOR PAPERS

Abstract, viewgraphs, speaker bio and speaker contact information are due **October 10, 2019**. Scheduling of qualified papers is accomplished on a first-come/first-served basis. Notification of acceptance by **October 21, 2019**.

FREE GENERAL ATTENDANCE

REGISTRATION OPENS AUGUST 2019

A free invitation is extended to all Engineers, Managers, other Professionals and Students involved in the use, design, qualification, test or manufacture of power supplies, power converters, power management or energy storage. Registered attendees will receive complimentary networking lunch, admission to the exhibit floor, technical lectures, and a complimentary networking dinner.

EXHIBITORS

REGISTRATION OPENS JUNE 2019

Limited exhibitor space is available to LI companies & reps that cover LI involved in the design, qualification, test or manufacture of power supplies, power converters, power management or energy storage. Tables are 2.5' x 8' and are provided with two chairs. All exhibitors are invited to provide business cards and giveaways for the swag bagss. Exhibitors are also invited to enjoy the complimentary networking lunch and the complimentary networking dinner. Exhibitor tables are offered at $375.

SPONSORS

REGISTRATION OPENS JUNE 2019

A sponsorship entitles you to one free table with preferential placement. In addition, your company logo is prominently placed on the 200 swag bags, symposium flyer, and on all event posters. As a sponsor, you are also entitled to have up to two business cards and two items placed in the event swag bags. The number of sponsorship opportunities is limited to five and are available on a first-come, first-served basis. Sponsorships are offered at $1000.

FOR MORE INFORMATION, GENERAL REGISTRATION, EXHIBITOR REGISTRATION, SPONSOR REGISTRATION AND CALL FOR PAPERS: **www.ieee.li/pes**

QUICK FACTS IEEE

ABOUT IEEE:

IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. The IEEE and its members inspire a global community through its highly cited publications, conferences, technology standards, and professional and educational activities.

IEEE
Advancing Technology for Humanity

IEEE VISION STATEMENT

IEEE will be essential to the global technical community and to technical professionals everywhere, and be universally recognized for the contributions of technology and of technical professionals in improving global conditions.

IEEE MISSION STATEMENT

IEEE's core purpose is to foster technological innovation and excellence for the benefit of humanity.

- More than 4.5 million documents in the IEEE Xplore® Digital Library, with more than 8 million downloads each month
- Has over 1,250 active standards and more than 700 standards under development
- Publishes approximately 200 transactions, journals, & magazines
- Sponsors more than 1,900 conferences in 103 countries while: Partnering with more than 1,400 non-IEEE entities globally
- Attracted more than 561,000 conference attendees
- Publishing more than 1,800 conference proceesdings via IEEE Xplore®
- More than 422,000 members in more than 160 countries, more than 50% of whom are from outside the United States
- More than 123,000 Student members
- 339 Sections in ten geographic Regions worldwide
- 2,116 Chapters that unite local members with similar technical interests
- 3285 Student Branches at colleges and universities in over 100 countries
- 2,266 Student Branch chapters of IEEE technical societies
- 543 affinity groups; IEEE affinity groups are non-technical sub-units of one or more Sections or a Council. The affinity group patent entities are the IEEE-USA Consultants' Network, Young Professionals (YP), Women in Engineering (WIE), Life Members (LM), and IEEE Entrepreneurship
- Has 39 Societies and 7 technical councils representing the wide range of IEEE technical interests

Data current as of 31 December 2018. This information is updated annually.

QUICK FACTS IEEE | LONG ISLAND SECTION

The IEEE Long Island (LI) Section serves its members in Nassau and Suffolk counties. Members include hardware engineers, software engineers, scientists, physicists, medical doctors and many other professional disciplines. The LI Section encourages formation of local Society Chapters that are of interest to IEEE members of Long Island.

- The IEEE Long Island Section (LIS) started as an Institute of Radio Engineers (IRE) chapter in 1947
- The LIS became a full section of the IRE in 1953 and in 2018 we celebrated the Section's 65th anniversary
- The LIS was formed by Jim Shepherd of Sperry
- 1954, the Microwave Theory and Techniques became the first Professional Group Charter and it was closely followed by the Professional Group on Instrumentation
- In 1958, the Student Affairs Committee was formed and offered a 15-week math & science course free to high school teachers that was fully accredited by New York State
- In 1963 with the merger of IRE and the American Institute of Electrical Engineers (AIEE) to become the IEEE. The Section was realigned and its Queens members were transferred to the New York Section
- All IEEE Long Island Section positions are staffed by volunteers
- Visit and explore our website at: **www.ieee.li**

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.

2018 Jesse Taub
2017 Kevin McSweeney
2016 John M. Dunn
2015 John Schmidt
2014 Howard Hausman
2013 Scott B. Abrams
2012 Nikolaos Golas
2011 Peter A. Eckstein
2010 Santo Mazzola
2009 James Colotti
2008 Arthur Rossoff*
2007 David Wolf
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
1988 Alexander Schure
1987 John Truxal

ATHANASIOS PAPOULIS OUTSTANDING EDUCATOR 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 have demonstrated innovative teaching techniques. Athanasios Papoulis was a professor at Polytechnic University who was committed to promoting quality technical education on Long Island.

2018 Marajaneh Issapour
2017 David Westerfeld
2016 John Fiorillo
2015 Sleiman R. Ghorayeb
2014 Sister Jane Carolyn Fritz
2013 Babak Beheshti
2012 Thomas Robertazzi
2011 Monica Bugallo
2010 John F. Hennings
2009 Sina Rabbany
2007 Frank A. Cassara
2006 Serge Luryi
2006 Wendy K. Tang
2005 Kenneth Short
2004 Peter Voltz

CHARLES HIRSCH AWARD

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

2018 Gianluigi DeGeronimo
2017 Paul Akimov
2016 Gerald Klahn
2015 Stephen Buckley
2014 Matthew P. Vaccaro
2013 John Smedley
2012 Eugene Feinberg
2011 Kenneth Frank
2010 Thomas R. Neiland
2009 David Mesecher
2008 Babak Beheshti
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 Donald 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 Richard Frazita
1983 E. J. Smith
1982 Evelyn Berezin
1981 John Stangel
1980 Enrico Levi
1979 A.D. Alexandrovich
1978 Richard LaRosa
1977 Page Burr
1976 Patricia Burgmyer*

LIFETIME ACHIEVEMENT AWARD

This Award is given to a member who has demonstrated continual and distinguished leadership, outstanding career-long contributions and service benefiting the Engineering community and the IEEE LI Section. This award is the highest honor the IEEE Long Island Section bestows on an individual.

2018 Yacov A. Shamash
2017 Louis Luceri
2016 Donald Christiansen
2015 Alfred R. Lopez*
2014 Velio Marsocci*
2013 Roderic Lowman
2012 Henry Bachman
2011 Jesse Taub

*Indicates Deceased

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.

2018 Craig R. Consiglio
2017 Eduardo F. Palacio
2016 Richard Frazita
2015 Scott Fisher
2014 Kenneth J. Henrich
2013 Walter Poggi
2012 William Pawlowski
2011 Joseph Merenda
2010 Bert Moskowitz
2009 Veljko Radeka
2008 Kenneth Schneider
2007 Ralph B. James
2006 Richard Kumpfbeck
2005 Peter McVeigh
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
1989 Patrick Barry
1988 Frederic Salerno

OUTSTANDING YOUNG ENGINEER AWARD

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

2018 Fan Ye
2017 Peter Sciotto
2016 Joseph Carrano
2015 Aydin Farajidavar
2014 Emre Salman
2013 Rafael M. Perez
2012 Robert Schmid
2011 Adam S. Chalson
2009 Monica F. Bugallo
2008 Gabriella Carini
2006 David Hernandez
2005 Justin Maloney-Hahn
2004 Jonathan Garruba
2003 Michael Sussich
2002 Ronald J. Bajit
2001 Fatih M. Ozluturk
2000 Scott Weiner
1999 Raj Bridgelall
1998 Wing C. Kwong
1997 Paul Eyring
1995 Kenneth Aupperle
1994 Ynjiun Wang
1993 Cecelia Jankowski

ORGANIZATION OF THE YEAR SECTION AWARD

This award recognizes a Long Island company or educational institution involved with electrical, electronic or computer engineering for a noteworthy achievement. The award is intended to encompass a broad category of achievements that can include areas such as a new product or system, as well as providing significant assistance to the IEEE Long Island Section. Examples of this include providing meeting space or financial support for IEEE activities.

2018 NY Institute of Technology and **Applied Visions**
2017 Retlif Testing Laboratoires
2016 InterDigital, Inc
2015 Telephonics Corporation
2014 Northrop Grumman Aerospace Systems
2013 College of Engineering & Applied Sciences, Stony Brook Univ.
2012 Brookhaven National Laboratory
2011 Farmingdale State College
2010 BAE Systems

VELIO MARSOCCI OUTSTANDING STUDENT BRANCH AWARD

This award is given to an IEEE Student Branch associated with a Long Island educational institution that has had noteworthy activities and encourages student membership in the IEEE. The award is named in memory of Dr. Velio Marsocci who was a Distinguished Professor at Stony Brook University and a dedicated Faculty Advisor to their Student Branch for many years.

2018 NY Institute of Technology
2017 NY Institute of Technology
2016 Stony Brook University
2015 Farmingdale State College
2014 Eta Kappa Nu Chapter, SUNY Stony Brook
2012 Hofstra University
2010 Stony Brook University
2007 Stony Brook University
2005 Stony Brook University

OUTSTANDING VOLUNTEER OF THE YEAR AWARD

This Award honors a Long Island Section member for substantial contributions to IEEE volunteer activities at the International, National, Region, Section, Chapter, or Society level.

2018 James Colotti
2017 Davor Dokonal
2016 Charles A. Pleckaitis
2015 M. Nazrul Islam
2014 Victor G. Zourides
2013 Garry Z. Gu
2012 Matthew B. Nissen

*Indicates Deceased

LONG ISLAND SECTION IEEE FELLOWS

IEEE Fellow is a distinction reserved for select IEEE members whose extraordinary accomplishments in any of the IEEE fields of interest are deemed fitting of this prestigious grade elevation

John Asvestas
Lalit Bahl
Ilan Ben-Zvi
J.J. Bongiorno
William Caputi
Donald Christiansen
Petar Djuric
Eric Forsyth
Joseph Fragola
Ivan Frisch
Peter Hannan
John Impagliazzo
Arie E. Kaufman
Richard La Rosa
Jerome Liang
Konstantin Likharev
Serge Luryi
Seymour Okwit
T. Pavlidis
John Pierro
Veljko Radeka
Paul Richman
Thomas Robertgazzi
Thomas Roser
E. Sard
S. Shinners
Martin Shooman
Graham C. Smith
Jesse Taub
David Weissman
Craig L. Woody
Yuanyuan Yang
Glenn Zorpette

REGION 1 AWARD RECIPIENTS

Craig Aarseth
Scott B. Abrams
Robert Barat
Kenneth C. Baron
Babak Beheshti
Charles Berger
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This award is intended to recognize those whose personal efforts have provided leadership, creativity, guidance, hard work and inspiration in a wide range of IEEE activities over a significant and sustained period of time.

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2015 IEEE Long Island Section

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Presented for outstanding accomplishments in advancing the fields of radar technologies and their applications

2005 William Caputi, Jr.

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For dedicated leadership in serving IEEE members at the Section, Region, USA, and global levels, and for contributing significantly towards achieving the goals of the IEEE Member and Geographic Activities Board

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Honors members of the engineering profession for long-term dedicated effort and outstanding accomplishments in advancing the aims of IEEE professional activities in the United States

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LI SECTION SPECIAL AWARD

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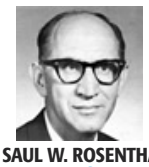

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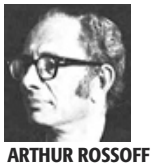

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