

**Inspiring Students to Pursue Careers in Technology** **2018 NEWSLETTER & ANNUAL REPORT**



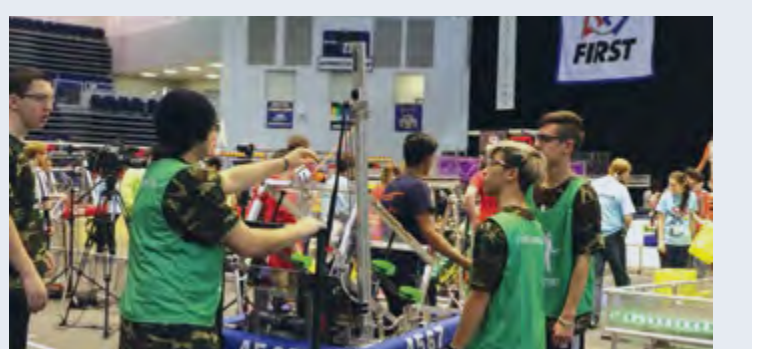
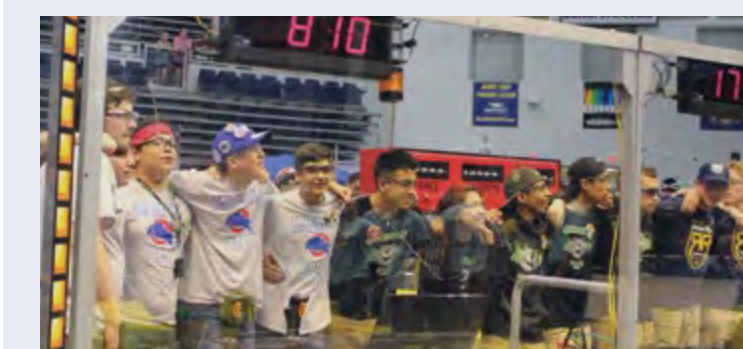
Families, participants, mentors and volunteers cheer as teams from around the world compete during one of four days of the dual competitions.

**SBPLI LONG ISLAND REGIONAL FIRST® ROBOTICS COMPETITION PRESENTED AS DOUBLEHEADER FOR THE FIRST TIME**

For the first time in SBPLI's history, the 19th Annual **SBPLI Long Island Regional FIRST® Robotics Competition** was presented in a doubleheader format, with the first tournament taking place from April 9 to April 11, and the second tournament being held from April 12 to April 14 at Hofstra University's David S. Mack Sports and Exhibition Complex. These back-to-back regionals featured nearly 80 teams, from across Long Island, and throughout New York and the United States, as well as from Turkey, Croatia and China. These students, aged 14 to 18, utilized 120-pound robots to compete in alliance-style tournament rounds under this year's challenge, dubbed FIRST POWER UP<sup>SM</sup>.

In **FIRST POWER UP**, two three-team alliances attempted to earn points using the robots' abilities to deliver power cubes to the alliance vault, in an effort to earn power ups, gaining "ownership" of a scale or switch (harkening to a "king of the hill" game), and climbing the scale in order to face the "boss." Each contest began with a 15-second autonomous period, during which robots may only operate on pre-programmed instructions to reach the baseline or gain ownership of the scale. Throughout the remaining two minutes and 15 seconds, students controlled the team robots to accomplish the aforementioned tasks of the challenge.

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# FORTY LOCAL *FIRST*<sup>®</sup> LEGO LEAGUE TEAMS COMPETE IN LONG ISLAND CHAMPIONSHIP

The winners are listed below:



*FIRST*<sup>®</sup> LEGO<sup>®</sup> League Team #15067, the “RoboFalcons” of Jericho, pose with their project as they are waiting to be called to come down to the auditorium at the awards ceremony of the *FIRST*<sup>®</sup> LEGO League Long Island Championship.

Following a series of six qualifiers, 40 *FIRST*<sup>®</sup> LEGO<sup>®</sup> League teams from across Nassau and Suffolk Counties took part in the Long Island Championship at Longwood High School on March 4. This season’s challenge was ***FIRST* HYDRO DYNAMICS<sup>SM</sup>**.

Throughout the season, students ages nine to 14 — along with their mentors — researched, designed, built, programmed and tested LEGO robots that addressed a problem within the human water cycle. Students were first tasked with identifying the problem — such as quenching one’s thirst, swimming in a pool, or how water is used to produce food, energy and even technology, among other things — and then evaluated current solutions and subsequently designed, built and tested an innovative resolution, using a LEGO MINDSTORMS<sup>®</sup> kit.

Award	Team #	Team Name	Town
Championship Award (1st Place)	5357	Imagination in a Nutshell*	Jericho
Championship Award (2nd Place)	92	Sea Lions*	Seaford
Robot Performance (1st Place)	5357	Imagination in a Nutshell*	Jericho
Robot Performance (2nd Place)	92	Sea Lions*	Seaford
Alliance Award Winner	92	Sea Lions*	Seaford
Alliance Award Winner	23785	Meteorites Squared	Hicksville
Global Innovation Award	92	Sea Lions*	Seaford
Global Innovation Award	15067	RoboFalcons***	Jericho
Judges’ Award	10425	Harborfields Library Purple LEGO Eaters**	Centerport
Innovative Award	15067	RoboFalcons***	Jericho
Gracious Professionalism Award	24093	Tech Heroes	Westbury
Research	684	STOBOR	Syosset
Programming	1139	HBT BOTS	Syosset
Strategy and Innovation	1200	Unlimited Thinkers	New Hyde Park
Zebra Award	11362	The Water Wizards	Stony Brook
Teamwork Award	11363	Aquatic Robotics	Stony Brook
Presentation Award	16282	FLORAL PARK - Party Bots 2.0	Floral Park
Mechanical Design	28779	Bethpage RoboEagles	Bethpage
Inspiration	36241	STEAMBots	Amityville

\* This team was invited to participate in the *FIRST* LEGO League World Festival in Detroit, Michigan.

\*\* This team was invited to participate in the *FIRST* LEGO League North American Open Championship at LEGOLand in Carlsbad, California.

\*\*\* This team was invited to participate in the *FIRST* LEGO League Razorback Invitational in Fayetteville, Arkansas.

## SIXTH ANNUAL HALF HOLLOW HILLS INVITATIONAL CONTINUES LEGACY OF STEM-FUELED EXCITEMENT AMONG SCHOOL DISTRICTS

The Sixth Annual Half Hollow Hills High School (HHH) Invitational, the final event of the 2016-2017 *FIRST*<sup>®</sup> Long Island season, was held on November 18, 2017 at the district’s High School West campus. As one of many robotics programs supported by SBPLI, which aims to help immerse schools in the rapidly growing area of STEM (science, technology, engineering and mathematics) education, the HHH Invitational is designed to showcase the benefits of robotics programs to students, schools, communities and local businesses.

During the event, students and coaches from 24 Long Island school districts participated in an enjoyable and engaging learning environment that enhances problem-solving skills, cooperation and teamwork. Participating teams competed under the rules and guidelines of the 2017 *FIRST* Robotics Competition challenge, dubbed *FIRST* STEAMWORKS<sup>™</sup>. Residents, teachers, administrators and business leaders from the surrounding areas attended, discovering first-hand the benefits that *FIRST* Robotics programs provide to students.



Teams, mentors, volunteers and their families turned out in strong numbers for last season’s Half Hollow Hills Invitational.

# WINNERS ANNOUNCED AT *FIRST*<sup>®</sup> TECH CHALLENGE LONG ISLAND CHAMPIONSHIP

Twenty-four teams took part in the *FIRST*<sup>®</sup> Tech Challenge Long Island Championship, which was held on February 11 at Smithtown High School. Students ages 12 to 18 competed in this year's challenge, *FIRST* RELIC RECOVERY<sup>SM</sup> (presented by Qualcomm).

In *FIRST* RELIC RECOVERY, teams battled in an alliance format on a 12-foot-by-12-foot field as their robots attempted to retrieve opponent-colored jewels from platforms, score glyphs into crypto boxes, create cipher patterns, move "relics" to a recovery zone and park their robots on "balancing stones."



The alliance of *FIRST*<sup>®</sup> Tech Challenge Team #4137 "IslandBots" (left) and Team #9421 "Hydrofluoric Robotics" (right) compete in a match at the *FIRST* Tech Challenge Long Island Championship.

The results are as follows:

Award	Team #	Team Name	Town
Inspire Award Winner	5477	Innovo *	Hewlett
Winning Alliance	4137	IslandBots *	East Setauket
Winning Alliance	9421	Hydrofluoric Robotics *	Greenlawn
Winning Alliance	10419	Syosset Elite	Syosset
Finalist Alliance	12899	Bellport Clippers	Brookhaven
Finalist Alliance	10696	Syosset Syborgs	Syosset
Finalist Alliance	3540	RoboBoogie	Hewlett
Think Award Winner	11401	Girl Powered Robotics	Bay Shore
Connect Award Winner	4017	RoboPandas	Floral Park
Rockwell Collins Innovate Award Winner	10696	Syosset Syborgs	Syosset
PTC Design Award Winner	4137	IslandBots	Setauket
Motivate Award Winner	7164	FalconBots	Locust Valley
Control Award Winner	9421	Hydrofluoric Robotics	Greenlawn
Judge's Award Winner	7120	Bionica	Hewlett
Dean's List Finalist (Individual)	8108	Theoretically Impossible - Eric Stern	Dix Hills

\* This team advanced to the *FIRST* Tech Challenge East Super-Regional in Scranton, Pennsylvania.

## TWENTY-TWO ROBOTICS TEAMS FROM ACROSS LONG ISLAND PARTICIPATED IN POSTSEASON EVENTS

A record 22 teams (a collective of more than 460 students) from *FIRST* Long Island's full continuum of robotics programs headed to numerous championship events throughout the country.

The following team represented Long Island at the *FIRST* LEGO League Jr. World Festival Expo in Detroit, Michigan:

- Team #12215, the "Techno Queens" from Jericho

These teams attended the *FIRST* LEGO League World Festival in Detroit, Michigan:

- Team #92, the "Sea Lions" from Seaford
- Team #5357, "Imagination in a Nutshell" from Jericho

This team attended the *FIRST* LEGO League North American Open Championship at LEGoland in Carlsbad, California:

- Team #10425, the "Harborfields Library Purple LEGO Eaters" from Centerport

This team represented Long Island at the *FIRST* LEGO League Razorback Invitational in Fayetteville, Arkansas:

- Team #15067, the "Robo Falcons" from Jericho

These teams competed at the *FIRST* Tech Challenge Super-Regional Championship in Scranton, Pennsylvania:

- Team #5477, "Innovo" from Hewlett
- Team #4137, the "Island Bots" from East Setauket
- Team #9421, "Hydrofluoric Robotics" from Greenlawn

A total of 15 *FIRST*<sup>®</sup> Robotics Competition teams represented Long Island at the *FIRST* World Championships in Detroit, Michigan. The teams are as follows:

- Team #810, the "Mechanical Bulls" from Smithtown
- Team #5016, "Huntington Robotics" from Huntington
- Team #6806, the "Mineola Wild Reds" from Mineola
- Team #2869, the "Regal Eagles" from Bethpage
- Team #533, the "PSIcotics" from Lindenhurst
- Team #2638, the "Rebels" from Great Neck
- Team #870, "Team R.I.C.E." from Southold
- Team #1468, the "J-Birds" from Hicksville
- Team #3171, the "Hurricanes" from Westhampton Beach
- Team #263, "Sachem Aftershock" from Ronkonkoma
- Team #527, the "Red Dragons" from Plainedge
- Team #3950, "RoboGym Robotics" from Glen Head
- Team #4458, the "Infernobotix" from Center Moriches
- Team #329, the "Mohawks" from Patchogue-Medford
- Team #3624, the "ThunderColts" from Huntington Station (Half Hollow Hills)

# SBPLI LONG ISLAND REGIONAL *FIRST*<sup>®</sup> ROBOTICS COMPETITION PRESENTED AS DOUBLEHEADER FOR THE FIRST TIME

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The winners are listed below:

REGIONAL #1			
Award	Team #	Team Name	School/Town
Chairman's Award*	5016	Huntington Robotics	Huntington H.S./Huntington
Engineering Inspiration Award*	2869	Regal Eagles	Bethpage H.S./Bethpage
Regional Winner #1*	3646	INTEGRA	Bahcesehir High School for Science and Technology/Istanbul, Turkey
Regional Winner #2*	463	Las Guerrillas	International Academy/Bloomfield Hills, Michigan
Regional Winner #3*	2234	Alternating Current	The Episcopal Academy/Newtown Square, Pennsylvania
Regional Finalist #1	533	The PSiCotics	Lindenhurst High School/Lindenhurst
Regional Finalist #2	2638	Rebels	Great Neck South High School/Great Neck
Regional Finalist #3	6423	Ward Melville High School	Ward Melville High School/East Setauket
Wildcard*	533	The PSiCotics	Lindenhurst High School/Lindenhurst
Wildcard*	2638	Rebels	Great Neck South High School/Great Neck
Underwriters Laboratories Safety Award	3624	ThunderColts	Half Hollow Hills High School/Dix Hills
General Motors Industrial Design Award	2872	CyberCats	Wheatley School/Old Westbury
Highest Rookie Seed	6806	Mineola Wild Reds	Mineola H.S./Mineola
Judges' Award	2161	Robocats	Walt Whitman H.S./Huntington Station
Rookie All Star Award*	6911	SO BOTZ	Walt Whitman H.S./Huntington Station

Award	Team #	Team Name	School/Town
National Instruments Rookie Inspiration Award	6806	Mineola Wild Reds	Mineola H.S./Mineola
Kleiner Perkins Entrepreneurship Award	2638	Rebels	Great Neck South High School/Great Neck
FCA Foundation Team Spirit Award	6636	Full Metal Beavers	Jamaica Gateway to the Sciences/Jamaica
Delphi Excellence in Engineering Award	533	The PSiCotics	Lindenhurst High School/Lindenhurst
Johnson & Johnson Gracious Professionalism Award	564	Longwood Robotics	Longwood H.S./Middle Island
Xerox Creativity Award	3624	ThunderColts	Longwood H.S./Middle Island
Motorola Solutions Foundation Quality Award	271	Mechanical Marauders	Bay Shore H.S./Bay Shore
Rockwell Automation Innovation in Control Award	871	Robotechs	West Islip H.S./West Islip
Jack Kamen Imagery Award	709	Femme Tech Fatale	Agnes Irwin School/Bryn Mawr, Pennsylvania

\* These teams were eligible to participate in the *FIRST* World Championship in Detroit, Michigan.

In addition, the *FIRST* Dean's List Finalist Awards were presented to Morgan Heiler of *FIRST* Robotics Team #2869 "Regal Eagles" of Bethpage High School and Andrew Ferreri of *FIRST* Robotics Team #2161 "Robocats" of Walt Whitman High School. Matthew Corrigan of *FIRST* Robotics Team #2638 "Rebels" of Great Neck High School received the Woodie Flowers Finalist Award.

## TWENTY-TWO ROBOTICS TEAMS FROM ACROSS LONG ISLAND PARTICIPATED IN POSTSEASON EVENTS



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Pictured are many of the *FIRST* Long Island teams that attended the *FIRST* World Expo/Festival/Championship.

REGIONAL #2			
Award	Team #	Team Name	School/Town
Chairman's Award*	810	The Mechanical Bulls	Smithtown H.S./Smithtown
Engineering Inspiration Award*	2601	Steel Hawks	Townsend Harris H.S./Flushing
Regional Winner #1*	1796	RoboTigers	Queens Vocational and Technical H.S./Long Island City
Regional Winner #2*	3015	Ranger Robotics	Spencerport H.S./Spencerport
Regional Winner #3*	810	The Mechanical Bulls	Smithtown H.S./Smithtown
Regional Finalist #1	3171	HURRICANES	Westhampton Beach H.S./Westhampton Beach
Regional Finalist #2	870	TEAM R. I. C. E.	Southold Jr.-Sr. H.S./Southold
Regional Finalist #3	1468	Hicksville J-Birds	Hicksville H.S./Hicksville
Wildcard*	3171	HURRICANES	Westhampton Beach H.S./Westhampton Beach
Wildcard*	870	TEAM R. I. C. E.	Southold Jr.-Sr. H.S./Southold
Wildcard*	1468	Hicksville J-Birds	Hicksville H.S./Hicksville
Underwriters Laboratories Safety Award	5806	Basement Lions	Horace Mann School/Bronx
General Motors Industrial Design Award	287	Floyd	William Floyd H.S./Mastic Beach
Highest Rookie Seed	7201	Crobotics	Gimnazija Andrije Mohorovičića Rijeka/Rijeka, Primorsko-goranska županija, Croatia
Judges' Award	329	Mohawks	Patchogue-Medford H.S./Medford
Rookie All Star Award*	6806	Mineola Wild Reds	Mineola H.S./Mineola

Award	Team #	Team Name	School/Town
National Instruments Rookie Inspiration Award	7201	Crobotics	Gimnazija Andrije Mohorovičića Rijeka/Rijeka, Primorsko-goranska županija, Croatia
Kleiner Perkins Entrepreneurship Award	6232	Florya Bisons	Florya Koleji/Istanbul, Turkey
FCA Foundation Team Spirit Award	3950	RoboGym Robotics	North Shore H.S./Glen Head
Delphi Excellence in Engineering Award	1796	RoboTigers	Queens Vocational and Technical H.S./Long Island City
Johnson & Johnson Gracious Professionalism Award	870	TEAM R. I. C. E.	Southold Jr.-Sr. H.S./Southold
Xerox Creativity Award	4050	Biohazard	Franklin County/Chambersburg, Pennsylvania
Motorola Solutions Foundation Quality Award	533	The PSiCotics	Lindenhurst H.S./Lindenhurst
Rockwell Automation Innovation in Control Award	3171	HURRICANES	Westhampton Beach H.S./Westhampton Beach
Jack Kamen Imagery Award	6746	Mustangs	Our Lady of Mercy Academy/Syosset

\* These teams were eligible to participate in the *FIRST* World Championship in Detroit, Michigan.

Individual awards were also presented. Nicole Jacobsen of *FIRST* Robotics Team #527 "Red Dragons" of Plainedge High School and Ishika Patel of *FIRST* Robotics Team #329 "Mohawks" from Patchogue-Medford High School received the *FIRST* Dean's List Finalist Award. The Woodie Flowers Finalist Award went to David Savage of *FIRST* Robotics Team #810 "The Mechanical Bulls" of Smithtown High School.

## OUR SINCERE GRATITUDE TO ALL *FIRST* LONG ISLAND SPONSORS

### CORPORATE

- accessLinx, Inc.
- AlticeUSA
- BAE Systems
- Balco Industries, Inc.
- Bank of America — Andy Margolis
- Brookhaven National Laboratory
- Composite Prototyping Center
- Costello's Ace Hardware
- EJCLI — Engineers Joint Committee of Long Island
- FESTO Corporation
- Home Depot of Farmingdale
- IEEE — Institute of Electrical and Electronics Engineers
- Ingerman Smith, LLP
- LG Management, LLC
- National Grid
- New York Life Insurance — David Gluck
- North Atlantic Industries
- Northrop Grumman Corporation
- Oerlikon Metco
- PSEG Long Island
- Schenck Trebel Corporation
- School Construction Consultants, Inc.
- Sideboard Computers
- Sir Speedy of Plainview
- Spectrum Designs Foundation
- Telephonics

### EDUCATIONAL

- Center Moriches School District
- Connetquot School District
- Hofstra University
- Long Island Lutheran Middle and High School
- Longwood Central School District
- LuHi Summer Camp Programs
- Lynbrook Public Schools
- Mineola Public Schools
- Plainview-Old Bethpage School District
- SCOPE Education Services
- Sewanhaka Central High School District
- Smithtown Central School District
- Stony Brook University
- Syosset Central School District

### GOVERNMENT

- New York State Senator Phil Boyle
- New York State Senator Kenneth P. LaValle
- New York State Department of Education
- United States Army

### INDIVIDUAL/PRIVATE

- Robert Catell
- The Dittmar Family
- Chris Early
- John Loonam
- Mancuso Charitable Trust
- Doug Ports
- Dr. Yacov Shamash
- Jim Stephenson
- The Stern Family

## SBPLI PRESENTS NANCY RASMUSSEN AND ERIC PUCCIO WITH “VOLUNTEER OF THE YEAR” AWARDS

### LARRY TOONKEL APPOINTED AS *FIRST*<sup>®</sup> ROBOTICS COMPETITION CO-DIRECTOR



Larry Toonkel

Smithtown resident Larry Toonkel was appointed *FIRST*<sup>®</sup> Robotics Competition Co-Director. A member of the program's Development Council, and judge for the event, Toonkel replaced former Co-Director Debra Winter, who resigned after the 2016-2017 season. Mr. Toonkel calls upon his experience in the fields of science and technology to assist with the day-to-day planning and management of the program and its associated events.

In 2015, after more than 30 years at Northrop Grumman, where he held various managerial and supervisory positions related to project management, software engineering and process engineering, Mr. Toonkel retired and dedicated himself to SBPLI and *FIRST*<sup>®</sup> Long Island. His involvement with SBPLI is a direct result of his growing interest in STEM initiatives, which he initially developed during his career with Northrop Grumman. In addition to serving as a member of the *FIRST*<sup>®</sup> Robotics Competition Development Council, Mr. Toonkel has also volunteered as a judge at the Long Island Regional for the past two years.

Prior to working at Northrop Grumman, Mr. Toonkel also worked for the Atomic Energy Commission, the Department of Energy, and Graphic Scanning, a small technology company involved in the design and development of cell phone networks.

One of Mr. Toonkel's first tasks as Co-Director was to lead the charge on the planning for the 2018 *FIRST*<sup>®</sup> Robotics Long Island Regional Competition, which this year was held as a doubleheader and featured nearly 80 participating teams.



Members of the 2018 SBPLI *FIRST* Robotics Competition Development Council presented Nancy Rasmussen (top left photo, third from right) and Eric Puccio (top right photo, third from right) each with the Volunteer of the Year Award. Ms. Rasmussen serves on the *FIRST* Robotics Competition Development Council. Mr Puccio is a member of the *FIRST*<sup>®</sup> LEGO<sup>®</sup> League Development Council and serves as a referee for all area *FIRST* Robotics Competition, *FIRST*<sup>®</sup> Tech Challenge and *FIRST* LEGO League events.

### JOSEPH SICINSKI HONORED AS 2018 SBPLI LIFETIME ACHIEVEMENT AWARD RECIPIENT



Members of the SBPLI Board of Directors (from l to r), Jeffrey Stern, Esq., Chris D. Clausen, Col. Michael F. Canders, Ph.D, Frank Langro, Dr. Mary Ellen Freeley, Joseph Sicinski, Chairman Dr. Yacov Shamash, Executive Director Bertram Dittmar, Richard P. Hines and Will Recce.

The SBPLI Board of Directors presented fellow member Joseph Sicinski with the 2018 Lifetime Achievement Award for his dedication to the organization during the VIP Reception of the 2018 SBPLI Long Island Regional *FIRST*<sup>®</sup> Robotics Competition. Since 1999, Mr. Sicinski has served in a variety of development and fundraising roles with SBPLI, including as Vice President of Program Development and Vice Chairman of the Board.

### THANK YOU TO THE *FIRST* LONG ISLAND ALUMNI WHO RETURNED TO SUPPORT SBPLI'S 2017-2018 SEASON EVENTS



The collective of alumni who volunteered on Day 2 of the SBPLI Long Island Regional #1.

## FOURTEEN AREA FRC TEAMS ATTEND ZEBRA TECHNOLOGIES' ROBOTICS INVITATIONAL



Members of the Lindenhurst High School "PSIcotics" present their robot to a Zebra Technologies employee at the company's robotics invitational on May 24.

## THREE NAMED TO BOARD OF DIRECTORS



Richard P. Hines



Frank Langro



Chris D. Clausen

SBPLI recently appointed Richard P. Hines, Frank Langro and Chris D. Clausen to its Board of Directors. The three new appointees are responsible for furthering SBPLI's mission.

Mr. Hines is the Chief Technology Officer of Telephonics Corporation. His company recently became a sponsor of the SBPLI Long Island Regional *FIRST*® Robotics Competition.

Mr. Langro is the Director of Product Market Management – Pneumatic Automation for North America at FESTO Corporation and volunteers as a judge at the SBPLI Long Island Regional *FIRST* Robotics Competition. FESTO is a Captain of Innovation-level sponsor.

Mr. Clausen is President of The Clausen Agency, Inc., which he founded in 1979. He served as a continuing education instructor for the Independent Agents and Brokers of New York State from 1999 to 2009.

## FIRST LEGO LEAGUE JR. TEAM FROM JERICHO EARNS TOP AWARD FROM FIRST WORLD FESTIVAL IN DETROIT



The Techno Queens on stage at the *FIRST* World Festival.

## ALTICE USA AND INFOSYS PRESENT THE LATEST IN ARTIFICIAL INTELLIGENCE TECHNOLOGY TO SBPLI STUDENTS



*FIRST* Robotics Competition team members from Bethpage, Plainview-Old Bethpage, Seaford and Syosset High Schools and Our Lady of Mercy Academy are seen here visiting Altice USA and Infosys' Innovation Roadshow - High School Robotics Event in Bethpage, in which students witnessed artificial intelligence and augmented reality demonstrations. A subsequent panel discussion taught the students the benefits of using technology to solve business problems and enhance entertainment for consumers.

## GERSHOW RECYCLING DONATES MORE THAN 1,200 POUNDS OF ALUMINUM TO TEAMS



Members of the Westhampton Beach "Hurricanes" participate in Gershow Recycling's Scrap Metal Day.

For nearly a decade, Gershow Recycling has opened its Medford facility to local *FIRST*® Long Island robotics teams, including coaches, students and their parents, to enable the teams to collect aluminum scrap metal. This season, 16 teams benefitted from Gershow's Scrap Metal Day.

The 16 Long Island teams represented at Gershow's Scrap Metal Day included Bridgehampton High School (#5659), Central Islip High School (#4006), Center Moriches High School (#4458), Half Hollow Hills High School (#3624), Hauppauge High School (#358), Kings Park High School (#5736), Longwood High School (#564), Miller Place High School (#514), North Shore High School (#3950), Patchogue-Medford High School (#329), Plainview-Old Bethpage High School (#353), Rocky Point/Shoreham (#6442), Townsend Harris High School (#2601), Ward Melville High School (#6423) and Westhampton Beach High School (#3171). One rookie team, Mineola High School (#6806), also attended the event, under the guidance of veteran team representatives in attendance.



PO Box 101  
Kings Park, New York 11754

## ABOUT SBPLI

Founded by Fred Breithut in 1984, SBPLI is a not-for-profit organization that has provided programs linking schools and businesses that would provide students with practical experience and curriculum development, while helping the business community develop its future workforce. Over 100 partnerships were formed. This includes the *FIRST* Robotics progression of programs, available to students (ages six to 18) who are interested in robotics. In recognition of SBPLI's long-established relationship with *FIRST* Robotics, the organization's Board of Directors voted last year to adopt the name "*FIRST* Long Island" for use with its progression of four *FIRST* programs, which include *FIRST*® LEGO® League, Jr., *FIRST*® LEGO® League, *FIRST*® Tech Challenge and *FIRST*® Robotics Competition.

In 1999, SBPLI brought *FIRST* (For Inspiration and Recognition of Science and Technology) to Long Island, which featured just eight *FIRST* Robotics Competition high school teams. The competition has grown since then to over 50 teams competing each year. SBPLI also hosts Long Island's annual *FIRST* LEGO League Qualifying and Championship Tournaments and the *FIRST* LEGO League Junior Expos, in which over 2,000 elementary and middle school students from Nassau and Suffolk Counties take part each year. In 2016, SBPLI added the *FIRST* Tech Challenge to its roster of programs. For more information about the programs, or to learn how to volunteer or become a sponsor, visit [www.sbpli-lifirst.org](http://www.sbpli-lifirst.org).

## 2018-2019 SEASON CALENDAR OF EVENTS

***FIRST* Info Night**  
Hauppauge High School  
August 21, 2018

***FIRST* LEGO League/  
*FIRST* LEGO League Jr.  
Training**  
October 2018

***FIRST* LEGO League  
Practice Tournaments**  
December 2018

***FIRST* LEGO League Jr.  
Training**  
December 2018

***FIRST* Tech Challenge  
Scrimmages**  
Long Island Lutheran  
Middle/High School  
December 2018

***FIRST* Robotics  
Competition  
2019 Kick-Off**  
Stony Brook University  
January 5, 2019

***FIRST* Tech Challenge  
Qualifiers**  
January/February 2019

***FIRST* LEGO League  
Qualifiers**  
January/February 2019

***FIRST* LEGO League  
Championship**  
Longwood High School  
March 2019

***FIRST* LEGO League Jr.  
Expos**  
Mineola High School  
Longwood High School  
March 2019

***FIRST* Tech Challenge  
Championship**  
March 2019

***FIRST* Robotics  
Competition  
20th Annual SBPLI Long  
Island Regionals**  
Hofstra University  
March 25-30, 2019

Please check our website for  
exact dates of events

PO Box 101, Kings Park, New York 11754 • (631) 627-8400  
**FOR MORE INFORMATION, VISIT [WWW.SBPLI-LIFIRST.ORG](http://WWW.SBPLI-LIFIRST.ORG)**

