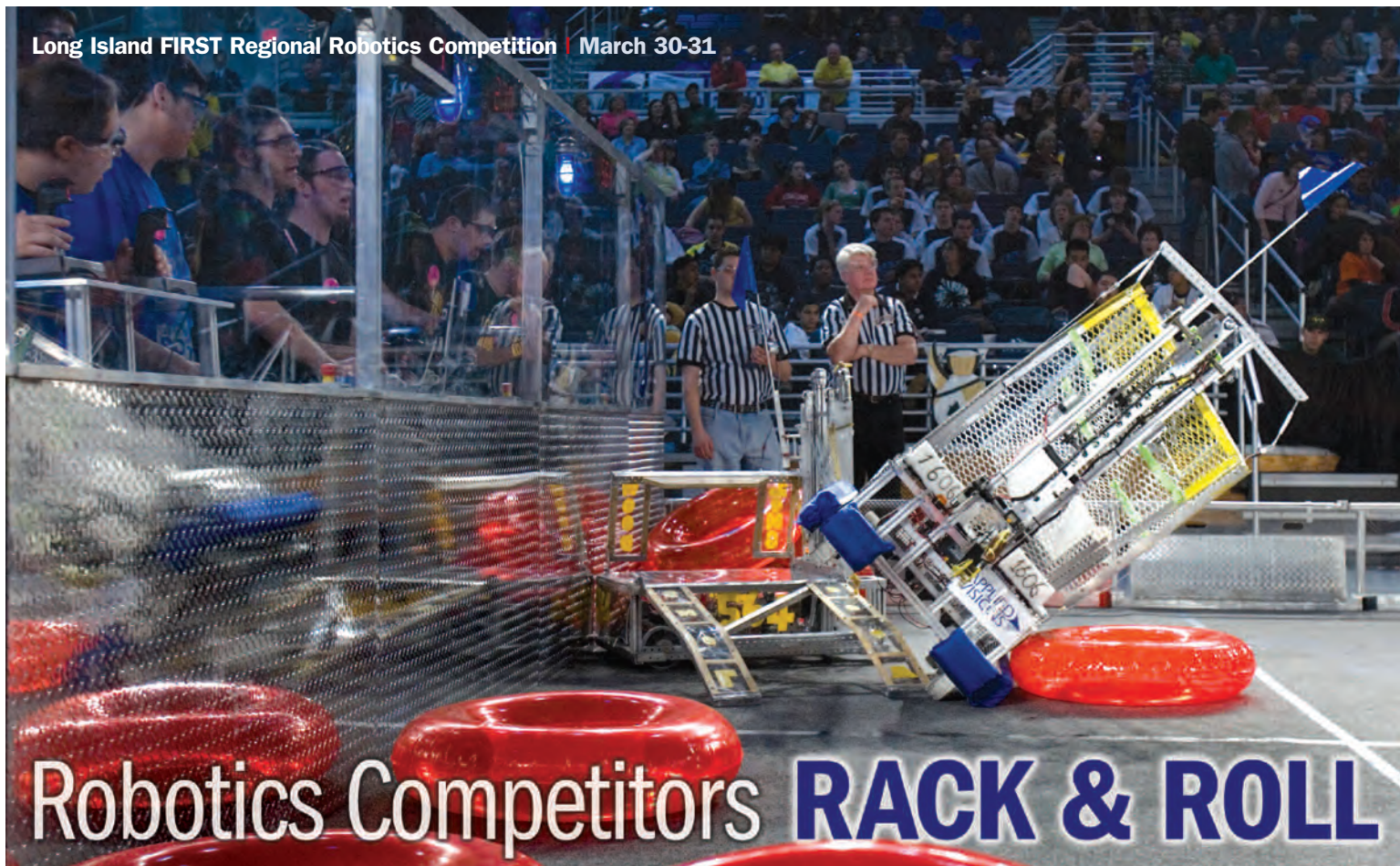


SBPLI INC LIFIRST

Summer 2007 Annual Report and Newsletter

Long Island FIRST Regional Robotics Competition | March 30-31



Thousands of spectators were watching in March as 41 teams of high school students battled for technological supremacy at the Long Island FIRST Regional Robotics competition, presented by the School Business Partnerships of Long Island at Hofstra University in Hempstead. The teams competed for a spot in the FIRST USA Championship, held in April at the Georgia Dome in Atlanta.

Twenty teams earned honors and recognition for design, competitive play, sportsmanship and high-impact partnerships between schools, businesses and communities.

"All teams demonstrated tremendous teamwork, professionalism and strategic thinking, but these winners went above and beyond to overcome the challenges of the competition," SBPLI Founder and Chairman Fred Breithut said. "The fun and excitement of the competition was evident as many students, professional mentors, school groups and community members caught the spirit and came to cheer on their favorite teams as engineering and technology at work surpassed the excitement of a championship athletic event."

The students worked with professional

mentors to design and build robots that solve a problem using a kit of parts and a standard set of rules. This year the students used their robots to compete in the game, "Rack n' Roll," which pitted two alliances (the blue and the red) of three teams each in 2-minute, 15-second matches. The alliances used the robots to place inflated tubes on a rack in various combinations and configurations. Additional points were earned for moving the robots onto a platform at the end of the match.

**>> Complete Match Results
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3rd Annual Lego League Competition

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3rd Annual Lego League Competition | January 21

A League Of Their Own

Eight weeks of research and design culminated on January 21 at the SBPLI-LI FIRST Lego League Tournament where teams of children and mentors demonstrated their problem-solving skills, creative thinking, teamwork, competitive play, sportsmanship and sense of community. Among the participants were 9 to 14 year old boys and girls from 35 elementary and middle schools on Long Island.

This year's challenge called for teams to research and present their own creative applications of nanotechnology to improve people's lives. The competition was judged in four areas: project presentation; robot performance; technical design and programming of the robot; and teamwork.

The highest honor, the Champion's Award, went to "The Nerds," from Windham, N.H., the team that best exemplified the spirit and values of the Lego League program. Each participant received a medallion to commemorate his/her experience and dedication to the eight-week process.

Founded by inventor Dean Kamen, FIRST (For Inspiration and Recognition of Science and Technology) was created to inspire young people's interest and participation in science and technology. FLL is an international program created in a partnership between FIRST and the Lego Group in 1998 based on their common belief that fun and learning go hand-in-hand, and that an

inspired mind can accomplish anything. Each September, FIRST announces the annual Challenge to teams, engaging them in authentic scientific research and hands-on robotics design. Using Lego Mindstorms bricks, motors, gears and software, children work alongside adult mentors to design, build, and program robots to solve real-world challenges. This year, teams had the option to use LEGO Mindstorms NXT, the next generation robotics toolset launched in August.

Younger students explore robot design and research

FIRST collaborated with the University of Notre Dame's Center for Nano Science & Technology and the Cornell University Nanobiotechnology Center to help shape a theme and challenge missions that reflect the amazing solutions this newest frontier of science and technology can make possible. They include manipulation of individual atoms, clothes that never get dirty, an elevator to outer space, and cures for disease. "Every FIRST LEGO League challenge helps students discover how imagination and creativity combined with science and technology can solve real-world problems," Dean Kamen said. "This year's focus on nanotechnology introduces them to a new frontier of science and technology."

Janet Anderson, director of the Long Island FIRST program, said: "We are pleased to coordinate the Long Island FIRST LEGO League Tournament. It is an extension of the FIRST Robotics Competition. Together these programs are opening a world of technology, science, and engineering to so many Long Island students, helping to build our high tech workforce of the future."

"It is fitting that Brookhaven Lab and Battelle are sponsoring this tournament, which focuses on nanotechnology. Brookhaven's Center for Functional Nanomaterials will provide scientists with state-of-the-art facilities to study materials at nanoscale dimensions," said Emilio Mendez, director of the Center for Functional Nanomaterials at Brookhaven Lab. "We encourage young people to explore nanotechnology, which offers exciting opportunities for solving some of the problems in the 21st Century — from finding alternatives for fossil fuels to diagnosing and curing diseases with atom-sized probes that would be able to travel throughout the human body."

FIRST has had a positive impact on students and academic communities.

Currently in its ninth year, the FIRST LEGO League anticipates its largest season ever with almost 10,000 teams from around the world competing in qualifying events and tournaments.

Champion's Award: "The NERDS," New Hampshire Robotics Institute, Windham, N.H.

Brookhaven National Laboratory Technology Transfer Award: L.I. Robotics Club, Plainview, N.Y.*

Judges' Award: "Tiny Tech," Longwood Junior High School, Middle Island, N.Y.

Rising Star Award: "The Spartans," Longwood Junior High School, Middle Island, N.Y.

Robot Design Award
1st "The Robo Phantoms," J.W. Young Middle School, Bayport, N.Y.

2nd "The MS Colts," Mount Sinai Middle School, Mount Sinai, N.Y.

Teamwork Award
1st "The Procrastinators," Plainview, N.Y.*

2nd "Chiron," Riverhead, N.Y.*

Research Project Award
1st "The Congobots," Port Washington, N.Y.*

2nd "The Quogue Riptides," Quogue, N.Y.*

Robot Performance Award
1st "The NERDS," New Hampshire Robotics Institute, Windham, N.H.

2nd "The BrookerBots," The Stony Brook (N.Y.) School

Outstanding Volunteer Award
Debbie Lang, technology teacher, Longwood Central School District

*parent-led team



March Madness

Long Island FIRST
Regional Robotics Competition
March 30-31 • Hempstead, N.Y.

Participating Schools

Suffolk County

Bay Shore Port Jefferson
Comsewogue Sachem
Deer Park Smithtown
Hauppauge Southold
Lindenhurst Walt Whitman
Longwood West Babylon
Miller Place West Islip
Pat-Medford William Floyd
Pierson

Nassau County

Baldwin Malverne
Carle Place Oceanside
W.T. Clarke Plainedge
Division Ave. Plainview-
Freeport Old Bethpage
Glen Cove Roosevelt
Hicksville Schreiber
Island Trees Westbury
MacArthur Uniondale

Teams From Other Regions

Perry Meridian, Indianapolis
Salmon River, Potsdam, N.Y.
Somerville, Somerville, N.J.
Aviation, Long Island City, N.Y.
Chapin, New York, N.Y.
Curtis, Staten Island, N.Y.
Port Richmond, Staten Island, N.Y.

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BAE Corporation
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BDS Solutions
Bethpage Federal Credit Union
Frank Daronte
DeVry University
EDO Corporation
Eureka/InfoHighway
Farmingdale State University
FESTO Corporation
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North Atlantic Industries
Netsmart
Knight Frank Newmark
Northrop Grumman
Senator Owen Johnson
South Oaks Hospital
SUNY Stony Brook
Suffolk County National Bank
Suffolk Co. Legislator Steve Stern
School Construction Consultants
Teachers Federal Credit Union
WaMu



SBPLI founder Fred Breithut congratulates a participant.



William Floyd students and supporters cheer their team.



Patchogue-Medford fans get caught up in the action.



SBPLI judges greet competitors after the matches.

Winners of Individual School Fred Breithut Awards

In addition to awards distributed by FIRST, SPBLI also recognized **Morgan Poulus-Keating** of the Patchogue-Medford team, ‘The Raiders,’ as the recipient of the overall Fred Breithut Regional Most Valuable Participant Award

Name	Team	Team #	School	Town
Akeem Walden	Mission Impossible	28	Pierson	Sag Harbor, N.Y.
John Durland	Gearheads	102	Somerville	Somerville, N.J.
Kurt Rooks	Division by Zero	229	Massena/Salmon River	Potsdam, N.Y.
Brian Clegg	Cyber Blue	234	Perry Meridian	Indianapolis, Ind.
Jessie Segal	Sachem Aftershock	263	Sachem	Farmingville, N.Y.
Mike Langa	Falcons	270	Deer Park	Deer Park, N.Y.
Anthony Farino	Mechanical Marauders	271	Bay Shore	Bay Shore, N.Y.
Lisa Iopalucci	Floyd	287	William Floyd	Mastic Beach, N.Y.
Morgan Poulus-Keating	Raiders	329	Patchogue-Medford	Medford, N.Y.
Cliff Rosa	The Green Machine	352	Carle Place	Carle Place, N.Y.
Brian Shapp	Pobots	353	Plainview-Old Bethpage	Plainview, N.Y.
Chris Citro	Robotic Eagles	358	Hauppauge	Hauppauge, N.Y.
Mubeen Khan	Curtis Cyber Warriors	371	Curtis	Staten Island, N.Y.
Matt Connolly	Powerhouse	496	Port Jefferson	Port Jefferson, N.Y.
Teddy Olsen Tank	Miller Place Robotics	514	Miller Place	Miller Place, N.Y.
Anthony Deniello	Dragons	527	Plainedge	North Massapequa, N.Y.
Bill Charlock	Baglenators	533	Lindenhurst	Lindenhurst, N.Y.
Donald Lasala	Robodawgs	545	Island Trees	Levittown, N.Y.
Danny Brooks	Digital Impact Team	564	Longwood	Middle Island, N.Y.
Joe Veccione	Rams	569	W.T. Clark	Westbury, N.Y.
Ian Goldin	Team Phoenix	570	Glen Cove	Glen Cove, N.Y.
Matt Quigley	Mechanical Bulls	810	Smithtown	Smithtown, N.Y.
Evan Ackroyd	Team RICE	870	Southold	Southold, N.Y.
Alex Symington	Robotechs	871	West Islip	West Islip, N.Y.
Travis Debidat	The Quarks	884	Malverne	Malverne, N.Y.
Mark Gernavage	Pandemonium	1203	West Babylon	West Babylon, N.Y.
Kelly Zorn	The Generals	1358	MacArthur	Levittown, N.Y.
Richard Bartlett	Hicksville J-Birds	1468	Hicksville	Hicksville, N.Y.
Tshekedi Noel	Robotic Knights	1537	Uniondale	Uniondale, N.Y.
Jacy Bulaon	Chaos, Inc.	1546	Baldwin	Baldwin, N.Y.
Joshua Schwartz	The Knuckleheads	1554	Oceanside	Oceanside, N.Y.
Kristin Kageitsu	Double X	1594	Brearily/Chapin	New York, N.Y.
Ben Samra	Quantum Samurai	1601	Aviation	Long Island City, N.Y.
Marcus Maldonado	Division Dragons	1606	Division	Levittown, N.Y.
Katherine Picado	Rough Riders	1607	Roosevelt	Roosevelt, N.Y.
Bogdan Rajacic	Stick Shift	1688	Port Richmond	Staten Island, N.Y.
Mike Delph	Warriors	1751	Comsewogue	Port Jefferson Station, N.Y.
Emma Pugliesi	Vikings	1803	Paul D. Schreiber	Port Washington, N.Y.
Michael Fernandes	Red Devils	1808	Freeport	Freeport, N.Y.
Christian Jimenez	Westbury Dragons	2027	Westbury	Westbury, N.Y.
Brian Cairl	Robocats	2161	Walt Whitman	Huntington Station, N.Y.



School-Business Partnerships Reach New Level

In an effort to facilitate networking opportunities for its alumni, the School - Business Partnerships of Long Island, Inc. recently launched a new system on its Web site that allows technology and engineering college graduates who have participated in SBPLI's regional robotics competition to contact sponsor companies.

By submitting contact information at www.sbpli-lifirst.org/alumni, alumni can opt to have their information reviewed by the human resources departments at these companies should internship or full-time positions become available. The Web site also provides company profiles and links to their Web sites. The goal is to encourage and provide direct communication with sponsor companies.

“This really completes SBPLI's program and brings its mission full circle,” said Fred Breithut, founder and president of SBPLI. “By connecting graduates with Long Island's technology companies, we can keep our bright engineering and technology students here on Long Island and advance local competition at the same time.”

Companies such as JPMorgan Chase, BAE Systems, Northrop Grumman, and Stony Brook University have all supported SBPLI's mission and Long Island's FIRST robotics competition, which takes place each March at Hofstra University.

About School-Business Partnerships of Long Island, Inc. (SBPLI)

SBPLI was founded in 1984 by Fred Breithut with the goal of developing partnerships between local high schools and businesses that would provide students with practical experience and curriculum development, while helping the business community develop its future workforce. More than 70 partnerships have been formed. In 1999, Long Island FIRST was formed for the purpose of developing a Long Island Regional First Competition. In 1999, 4 high school teams participated. The Long Island Regional has since grown with 41 teams participating in 2007.

ABOUT U.S. FIRST

Accomplished inventor Dean Kamen founded FIRST (For Inspiration and Recognition of Science and Technology) in 1989 to inspire an appreciation of science and technology in young people. Based in Manchester, N.H., FIRST designs accessible, innovative programs to build self-confidence, knowledge and life skills while motivating young people to pursue opportunities in science, technology and engineering. With the support of many of the

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world's most well known companies, the non-profit organization hosts the FIRST Robotics Competition for high school stu-

dents and the FIRST LEGO League for children 9 to 14 years old. To learn more about FIRST, go to www.usfirst.org.



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