



## Student Robot Competitions: FIRST Robotics

FIRST (For Inspiration and Recognition of Science and Technology: <http://www.usfirst.org>) is an organization that sponsors student robot competitions. Thousands of teams from schools and youth organizations build robots from a standard parts kit with the help of adult volunteers, and they participate in local, regional, and international events. The robots are built by the students guided by mentors in 6 weeks and weigh up to 120 pounds. In the course of building, testing, and competing with their robots, the students learn about math, science, engineering, technology, and teamwork.

This talk will present information on the FIRST program and how the robots are built and programmed. There will also be some videos of some of last year's robots in action.

**Rob Dinoff** is a member of technical staff at Bell Labs, the research arm of Alcatel-Lucent, where he works in the Network Services Management research department. Rob has also been a software mentor for the FIRST robotics team at Bridgewater-Raritan High School for the past 6 years. Rob received his Bachelor of Technology in Computer Science from the Rochester Institute of Technology and his research interests include very large databases and networks.

Date:	Thursday, December 20, 2012, 8:00 pm. (Refreshments and networking at 7:30 pm.)
Place:	Small Auditorium, Room CS 105 Computer Science Building, Princeton University
Information:	Dennis Mancl (908) 582-7086, Jan Buzydlowski (610) 902-8343
On-line info:	<a href="http://PrincetonACM.acm.org">http://PrincetonACM.acm.org</a>

All Princeton ACM / IEEE-CS meetings are open to the public. Students and their parents are welcome. There is no admission charge, and refreshments are served.

A pre-meeting dinner is held at 6:00 p.m. at Ruby Tuesday's Restaurant on Route 1. Please send email to [princetonacm@acm.org](mailto:princetonacm@acm.org) in advance if you plan to attend the dinner.

