



Front Line Youth in Science Engineering and Technology

2017 FLYSET FTC and PTC + FIRST Workshop

8/26/2017, 9:00 am - 4:30 pm

Location: Jane's Realty
420 MapleLawn Drive
Plano, TX 75075

Morning: FTC workshop sessions

Afternoon: PTC+FIRST workshop / Velocity Vortex field is open

As a semifinalist captain team at the Houston World Championship for Velocity Vortex, TechnicBots (FTC team #8565) will share their robot journey throughout the last season. In addition, we have invited other world championship FTC teams to share their experiences at the workshop, including both in person presentations by local teams and pre-recorded video presentations by other teams nationwide.

During the sessions, we will present Demo Robots built from different kits (including Tetrax, Actobotics, Rev Robotics and Modern Robotics) with various shooting and harvesting mechanisms, and a navigation robot based on computer vision. Finally, as a send-off to the 2016-2017 Velocity Vortex season, we will setup the field for teams to have fun driving on and to exchange ideas.

For the PTC+FIRST part of the workshop, TechnicBots will guide participants through several exercises from PTC's "How to Model Almost Anything" curriculum, where participants will learn how to do basic modeling in CAD.

REV Robotics Representative will be on site to demo their products, including the Expansion Hub as the official controller for the new season 2017-2018.

Please register at (detailed schedule will be published a few days in advance)

<http://flyset.org/events-2/upcoming-events/2017-ptcfirst-workshop/>

Pizza lunch will be served at \$1.50 / Slice with free bottle of water (order at registration).
Nearby fast food restaurants include McDonalds, KFC, Subway and Central Market Café.

