



## FIRST Robotics Competition December 2016 Newsletter Addendum

### RUMBLE IN THE ROADS

The Rumble in the Roads offseason event took place on November 5, 2016 at Menchville High School in Newport News, Virginia. The event, presented by *FIRST* Robotics Competition teams 1610 and 2363, hosted 30 teams from Virginia and a few who made the drive in from Maryland.

Congratulations to all of the award winners, and a special thanks to all of the volunteers and sponsors who made this possible.

The winners will be posted on <https://www.rumbleintheroads.com/>



---

### FIRST CONDUCTS INNOVATION CHALLENGES FOCUS GROUP IN THE DISTRICT OF COLUMBIA

*FIRST* conducted an **Innovation Challenges Focus Group** meeting on Wednesday, November 9th, hosted by FRC Team 4821 – E.L. Haynes PCS Kansas Avenue Campus and DC International School.



The session was moderated by *FIRST* staff member Sarah Stray, Innovation Awards Manager and facilitated by our very own Christina Lee, AmeriCorps VISTA. *FIRST* is conducting focus groups throughout the nation about Award/Challenge Competitions around innovation. As they enjoyed pizza, middle and high school students were asked to share their thoughts on what would interest him/her about invention/innovation competitions using robots.

---

## FRC WORKSHOP AT VCU

*FIRST* Chesapeake thanks sponsors InSource Solutions and Virginia Commonwealth University for providing a full day of classes for the technical, non-technical, rookie, and veteran on Nov. 19th!!

Seasoned teams, mentors, coaches, and company representatives covered a wide range of topics from Chairman's Award and Scouting to software and drive trains.

The workshop even provided a space for an FTC Meet-the-Field opportunity.

Thank you to all the presenters who made this day possible.

---

## FRC WORKSHOP HOSTED BY BECHTEL

On December 3<sup>rd</sup> Bechtel hosted an FRC workshop for an eager group of coaches, mentors, and students. The day was interactive with brainstorming exercises and even prizes awarded to students.

Presenters included:

- Josh Long, Bechtel - Introduction, Safety
- Jeff Crockett, FRC Team 3793 (Programming Style Tips, actually delivered by Josh)
- Dave Frederick, FRC Team 1895 (formerly Lockheed Martin, now with Leidos) Introduction to Eclipse, RobotBuilder and FRCSIM
- Mike Anderson, FRC Team 116 (beta test team) - C/C++ and Java Installation for 2017 FRC Teams
- Andre Smirnoff, FRC Team 620 - FRCSIM executed through Eclipse, Blender, Gazebo

Download Presentations here: <https://github.com/Lambda-Corps/RobotBuilder-FRCSIM>

Photos: <https://goo.gl/photos/QGNZhGHWXV3vXaxL6>

All participants received Bechtel bags with goodies!



---

*Click here to read important Consent & Release form information before the season begins!*  
<https://www.firstchesapeake.org/first-programs/frc/consent>