

# FIRST Robotics Symposium

October 22<sup>nd</sup>, 2011

| FLL Training Workshops |                                                                                                                                 |                                                                                                                                                                                      |                                                                                                                                |                                                                                                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        | Room 209                                                                                                                        | Room 208                                                                                                                                                                             | Art Room                                                                                                                       |                                                                                                                                                                                   |
| 10:00-10:40            | <b>A - Using What You've Got</b><br>(game strategy, using walls and mission models for increased success)                       | <b>B - The Light Sensor</b><br>(detecting a line, following a line, accuracy strategies)<br>Other sensors if time allows                                                             | <b>C - Rookie Basics</b><br>(The Common Palette [programming], common strategies that work, Q&A)                               | <b>D - Advanced Concepts</b><br>This workshop will focus on the advanced capabilities of the NXT-G software. This is recommended for experienced coaches or computer programmers. |
| 10:50-11:30            | <b>A - Repeated</b>                                                                                                             | <b>B- Repeated</b>                                                                                                                                                                   |                                                                                                                                |                                                                                                                                                                                   |
| 11:30-12:30            | <b>LUNCH</b>                                                                                                                    |                                                                                                                                                                                      |                                                                                                                                |                                                                                                                                                                                   |
| 12:30-1:10             | <b>E - Best practices for building</b><br>(universal-attachment process, strong structures, modular design)                     | <b>F - Organizing your team</b><br>(How big should your team be? How do you organize the team? What kinds of activities should I do with my kids? What should our season look like?) | <b>G - General Q&amp;A with FLL Director</b> (bring your questions about FLL, tournament logistics, whatever is on your mind). | <b>H - Advanced Concepts</b><br>This workshop will focus on the advanced capabilities of the NXT-G software. This is recommended for experienced coaches or computer programmers. |
| 1:20-2:30              | <b>I - Open session to help teams with anything that's needed.</b><br>NB: we would have 4 or 5 of us available for this session |                                                                                                                                                                                      |                                                                                                                                |                                                                                                                                                                                   |