

# ROBOFEST Chief Judge's Comments

Please read before announcing winner teams

Division Name (Circle One):

Jr. Exhibition

Sr. Exhibition

RoboFashion & Dance Show

Team ID	Team Name	Strong Points	Suggestions to improve
5 339-2	Univ High School 2 <small>WALLMOUNT HIGH SCHOOL</small>	<ul style="list-style-type: none"> <li>- Simple &amp; Useful.</li> <li>- A design most people would rarely think of.</li> <li>- Bluetooth communication.</li> </ul>	<ul style="list-style-type: none"> <li>- More functions &amp; features?</li> <li>- More math &amp; science?</li> <li>- Video presentation on laptop (couldn't hear clearly, better to do it in person)</li> </ul>
9 339-3	Univ High School 3 <small>AUTOMATIC FISH FEEDER</small>	<ul style="list-style-type: none"> <li>- Robot feeding fish, an idea can be appreciated by families who have fish and on vacation</li> <li>- The only team which presented math explicitly.</li> </ul>	<ul style="list-style-type: none"> <li>- Needs more practical functions, such as to detect the # of fish present, and adjust the amount of food accordingly.</li> <li>- Temperature sensor is the only sensor used, but not relevant to main job.</li> </ul>
2 528-1	Robot Rocks <small>ELECTRONIC DRUM</small>	<ul style="list-style-type: none"> <li>- Very cool idea! (sensor → light pattern)</li> <li>- Good teamwork in building such a complex system. A lot of work.</li> <li>- Used more advanced code - <u>Arduino</u>, &amp; non-standard lego sets.</li> </ul>	<ul style="list-style-type: none"> <li>- measurement of how hard the drum was hit → light display showing the intensity?</li> <li>- More variation in the light pattern?</li> </ul>
3 1040-1	Robotsavior <small>RESCUE ROBOT</small>	<ul style="list-style-type: none"> <li>- Practical idea, can be used in reality.</li> <li>- Awesome maneuvering around obstacles.</li> <li>- Effective use of sensors.</li> <li>- PowerPoint + Display, enhanced presentation</li> <li>- Great achievement despite lack of sponsorship!</li> </ul>	<ul style="list-style-type: none"> <li>- need to improve the way to transport patients (such as designing robot arms).</li> <li>- Additional camera on sides.</li> <li>- heat sensor.</li> <li>- better decoration of "people".</li> </ul>
1 1368-1	ASDV <small>SECURE DELIVERY ROBOT</small>	<ul style="list-style-type: none"> <li>- Very impressive code! Also showed clear understanding of the code.</li> <li>- Useful idea.</li> <li>- Excellent presentation: everyone clearly spoke, role introduction.</li> </ul>	<ul style="list-style-type: none"> <li>- now it can only handle a pre-programmed path, needs more flexibility.</li> <li>- Needs 2<sup>nd</sup> ID check (already realized by the team).</li> </ul>

Chief Judge's Signature: \_\_\_\_\_

Date: \_\_\_\_\_