Frontier Trails BEST 2015
Middle, Junior High and High School Robotics Championship

December 3-5, 2015
Fort Smith Convention Center

Judging Sign-up Form – Due by Nov. 23, 2015

Name: ____________________________ Company/Institution: __________________________
Title/Position: ____________________________
Mailing Address: _______________________________________________________________

Street ____________________________ City ____________________________ State ____________ Zip ______

Email address: ____________________________ Work Phone: ____________________________
Have you judged Frontier Trails BEST before?  o YES  o NO
Have you judged for any BEST competition before?  o YES  o NO  If yes, in what capacity?__________________

All judges will be provided with an orange event T-shirt that should be worn at Friday and Saturday judging events, please indicate your t-shirt size: S   M   L   XL   XXL   XXXL   Other__________

Please check the one that best describes your affiliation:
   o College Student   o University Faculty/employee   o High School Faculty/employee
   o Other: ______________   o Name of School Affiliated with: __________________________

Check the events that you would be willing to judge:

<table>
<thead>
<tr>
<th>Rate choice</th>
<th>Judging Category (descriptions follow below)</th>
<th>Volunteers needed</th>
<th>Location</th>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st, 2nd, 3rd</td>
<td>Notebooks</td>
<td>7</td>
<td>UAFS Baldor 108</td>
<td>Thursday, Dec. 3</td>
<td>6:00pm–9:00pm</td>
</tr>
<tr>
<td></td>
<td>Oral Presentations</td>
<td>9</td>
<td>Fort Smith Convention Center</td>
<td>Friday, Dec. 4</td>
<td>9:00am – 4:00pm</td>
</tr>
<tr>
<td></td>
<td>Exhibits and Interviews*</td>
<td>6</td>
<td>Fort Smith Convention Center</td>
<td>Friday, Dec. 4</td>
<td>9:00am – 3:00pm</td>
</tr>
<tr>
<td></td>
<td>Spirit and Sportsmanship*</td>
<td>4</td>
<td>Fort Smith Convention Center</td>
<td>Saturday, Dec. 5</td>
<td>7:00am – 3:00pm</td>
</tr>
</tbody>
</table>

* Requires attendance at training session.

Mail, fax, or email this form by Monday, November 23, 2015 to: Dr. Kerrie Taber, University of Arkansas – Fort Smith, Baldor Building, Room 119A, 5210 Grand Avenue, Fort Smith, AR. 72913-3649, Fax: 479-424-6707, Phone: 479-788-7707, Email: kerrie.taber@uafs.edu. We thank you in advance for your willingness to volunteer to help with this program. We guarantee you’ll have a blast!
Judging Event Descriptions

1. Project Notebooks – 7 judges needed
   Each participating “BEST Award” team must produce a 3-ring binder notebook that documents the process the team went through to design and build the robot…a diary of sorts. The book can contain a maximum of 30 pages of written explanation, along with photographs, design drawings, computer-generated drawings, etc. The notebook judging process will occur Thursday evening, December 4th, at UAFS Baldor Technology Center Room 108. The evening will include dinner at 6:00pm, followed by a 30-minute orientation and approximately 2 hours of judging. Each of the seven judges will be responsible for scoring a different section of every notebook. People with backgrounds in math, science, engineering and technology are especially needed in this area. The project notebook judges will also decide the Founders Award: Awarded to the team that makes best use of the engineering process in consideration of offensive and defensive capabilities in machine design; awarded in recognition of BEST founders Steve Marum and Ted Mahler.

2. Oral Presentations – 9 judges needed
   Each participating “BEST Award” team must give a 20 minute oral presentation to relay both the team’s robot-building process as well as community involvement. Each team is allowed a 30 minute time slot; 5 minutes for set-up, 15 minutes to present, 5 minutes for Q & A from the judges, and 5 minutes for judges to fill out the scoring sheets. Teams are encouraged to be as creative as possible with their presentations. This category will include a minimum of 4 and a maximum of 8 team members, with 3 judges present for each presentation. This judging event will occur on Friday, Dec. 5th with orientation at 8:00am and judging beginning at 9:00am to 4:00pm in the Fort Smith Convention Center.

3. Exhibits and Interviews – 6 judges needed (training session required)
   Table Displays: Each participating “BEST Award” team is given 10’ X 10’ space with a 6 ft. table on which to visually and creatively display school spirit, community involvement, and robot design and construction. These displays will be positioned on the floor of the Fort Smith Convention Center in Exhibit Hall C.
   Interviews: Judges will circulate the table display area and interview team members staffing the displays. Table display judging and student interviews will occur on Friday, Dec. 5th from 9:00am to 3:00pm. A training session will be held on Friday, Dec. 5, 2014 at 8:00am. You will be contacted with details upon receipt of this form. The exhibits and interview judges will also decide on two special awards: Most Photogenic (Awarded to the team whose machine is the most eye pleasing, fit and trim of external components and with aesthetic embellishments) and the T-Shirt Award (Awarded to the team that has the most original game specific t-shirt design worn by team members during the contest; based on most creative use of the game theme/concept).

4. Spirit and Sportsmanship – 4 judges needed (training session required)
   During the competition on Saturday, December 6, 2014 judges will circulate the arena and evaluate school/team spirit and good sportsmanship of team members. Judges will need to arrive on game day by 7:00am and will judge until 3:00pm. A training session will be held on Saturday, December 6, 2014 at 7:00am. You will be contacted with details upon receipt of this form.

Rev. 10/9/14
Spirit and Sportsmanship judges will also select the Most Elegant Award awarded to the team whose machine has the best design and execution -- the machine that makes you say, "Wow!".

Additional Information for Judges

- A hospitality room will be provided at the Convention Center Friday and Saturday of the competition. Meals, snacks, and beverages will be provided for event volunteers, judges and corporate sponsors only. Due to budget constraints we cannot accommodate guests of volunteers or judges.

- Because of the non-profit nature of the BEST program, we are unable to pay for out of town judges’ accommodations; however, we have blocked a number of hotel rooms for Thursday, Friday, and Saturday nights, December 4-6, 2014.
  - Holiday Inn City Center – 479-783-1000 (Thurs, Fri, and Saturday nights available)

- All judges will be provided with an event T-shirt that should be worn at Friday and Saturday judging events

- A “Judges Only” room will be available at the Convention Center (Room 4) for private consultations among judges. Only judges and judging assistants will be allowed to enter this room.

- Questions with regard to judging, volunteering or referral of volunteers should be directed to Dr. Kerrie Taber at kerrie.taber@uafs.edu or 479-788-7707.

- Rules for this year’s challenge, “Bladerunner”, can be found at the BRI website, www.bestinc.org. “BEST Award” guidelines are also posted on the website.