

## Regular Category 2<sup>nd</sup> day challenge

### New competition format at WRO Friendship Invitational Tournament 2019

#### Introduction

For the first time, we will have a new 2<sup>nd</sup> day challenge for Regular Category at our WRO Friendship Invitational Tournament 2019 in Denmark. Teams can demonstrate their creativity by solving this unknown challenge.

Teams can bring their assembled robot from the 1<sup>st</sup> day and will get information about the new challenge on the morning of the 2<sup>nd</sup> day. The 2<sup>nd</sup> day challenge will use the same game fields as the normal game and will use the same / similar game elements.

#### 3 attempts per team / Scoring

Every team has **3 official attempts** to solve the 2<sup>nd</sup> day challenge. During the “Testing & Attempt time” on the 2<sup>nd</sup> day the teams can re-build, re-program, test and practice as much as they want. If a team feels that the robot works, they can **call a judge to make an official attempt**. Then, the judge will score the next robot run and this will count as an official score.

#### Schedule (August 4<sup>th</sup>)

Time	Activity
08.30 – 08.45	Announcement of 2 <sup>nd</sup> day challenge <i>The new challenge will be easy to understand. Every team will get the new challenge on paper in English and with illustrations. Team coaches are allowed to translate during the announcement time.</i>
08.45 – 11.30	Testing & Attempt time <i>During this time, teams can test as much as they want and can call a judge to make one, two or all three official attempts.</i>
11.30 – 12.00	Final attempt time <i>During this time, teams can make official attempts if they have not used their 3 official attempts yet.</i>

## Scoring of Regular Category

The 2nd day challenge plays an important part in the overall scoring of Regular Category teams at the WRO Friendship Invitational Tournament.

The final ranking of the Regular teams is defined by:

1. Best run from Saturday (normal)  
+ Best run from Sunday (2nd day challenge)
2. Result of 2nd-day challenge
3. 2nd best run from Saturday
4. 2nd best attempt of the 2nd-day challenge:

“Best run” is always defined by:

- Highest points
- If points in all 3 runs (3 runs on Saturday / 3 runs on Sunday) are the same, then the fastest run counts

## Questions & Feedback

The 2nd day challenge is a new concept for WRO. We will do this for the first time at the WRO Friendship Invitational Tournament 2019. If you have any questions upfront or feedback afterwards, please feel free to reach out to:

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