

Schedule & Tournament mode

Please check the overall tournament schedule for specific times and dates here:

<https://www.wro2022.org/docs/WRO2022-International-Final-Schedule.pdf>

Detailed schedules are available at the event.

Most important for Future Innovators are the following information:

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|---------------|-------|---|
| Thu, Nov 17th | 09:00 | Venue open, setup booths, judges check booths later during the day
<i>Teams may store unused equipment and stuff from the transport in the storage area. Volunteers will show them, where it is.</i> |
| | 15:00 | Transfer to Welcome Activity
<i>All equipment (Robots, Computers, etc.) must stay in the tournament area! A security team will make sure no equipment gets lost, is stolen or compromised.</i> |
| | 17:00 | Opening Ceremony
<i>Teams may take their equipment to the hotel after the ceremony.</i> |
| Fri, Nov 18th | 09:00 | Start judging round 1
<i>Every team gets judged by one judging group</i> |
| | 11:00 | End judging round 1, start judging round 2
<i>Every Team gets judged by another Judging Group</i> |
| | 14:00 | End judging round 2, start judging round 3
<i>Every Team gets judged by another Judging Group</i> |
| | 16:45 | End judging round 3, start judging round 4
<i>Every Team gets judged by another Judging Group</i> |
| | 18:00 | Break judging round 4 for the day |
| Sat, Nov 19th | 09:00 | Continuation judging round 4 |
| | 10:00 | End judging round 4
End of voting for Team Award |
| | 10:15 | Time for comeback judging rounds |
| | 11:00 | End of all judging rounds, begin Final Deliberation Meeting for judges |

*Note: All teams get judged four times by four different judging groups!
Due to the schedule, some teams have all four judging rounds on Friday, others have three on Friday and one on Saturday.*



Special Awards

The following Special Awards are awarded in the Future Innovators Category:

Age group	Award name	Description
Elementary	Team Spirit Award	This trophy goes to a team that has demonstrated the best team spirit during the presentation and/or competition day(s).
Junior	Technical Solution Award	This trophy goes to a team that presents a truly robotic solution that is both simple and innovative and that is only as complex as is necessary.
Senior	Start-Up Idea Award	This trophy goes to a team that has clearly positioned their project as a prototype for further development. The project idea is innovative and new and will have a positive impact on society.
All age groups	Team Award	This trophy goes to the team that got the best score from voting that teams have done among each other.
All age groups	LEGO® Education Creativity Award	This trophy goes to a team that shows creativity in the presented solution, the build of their robot and/or the presentation of their project. The winning team is selected by LEGO® Education.

Teams are advised to be prepared for extra visits by judges or sponsors who evaluate them for the Special Awards. Extra visits can happen any time on Friday or Saturday.

For the Team Award, all teams should visit other teams and decide for one team they want to vote for. Every team will get one voting sheet, where they have to enter their own team name and the name of the team they vote for.

The voting sheet must be submitted to the ballot box no later than Saturday, 10:00!

The ballot box is positioned in the Future Innovators tournament area at the drinks distribution station.



Tournament Setup

Future Innovators has its own tournament area. It is open to the rest of the venue and visitors can always walk through the area.

Each team has a team box, consisting of:

- Three walls, the inner box size is 2 x 2 m.
- One table, three chairs and three power sockets. The table size is 1,25 m x 0,70 m.
- The wall height is 2,50 m.
- There is no extra carpet on the floor. The floor is made of black tiles and can be uneven at some places.

This leads to the following additional information and rules:

- At the height of 2 m, there will be a mark. Nothing the teams bring with them is allowed be higher than this mark! This includes all project parts and posters!
- Attaching posters on the walls is only allowed with tape that can be removed free of residues. Any damage to the walls will be invoiced.
- It is allowed to use a hook over the top of the wall and attach the poster to it. Only the hook itself is allowed to be higher than 2 m, the poster must be below the 2 m mark!
- Please note, that the use of fire, smoke or mist is completely forbidden! The use of water or other liquids is limited to a maximum of 1 liter for each team!

There is an extra storage area close by teams may use to store equipment or travel packages during the event. Volunteers will be available to show you, where it is.

Judging process at the WRO International Final

- The WRO International Final is a two-day event. On the day before, teams can setup the booths and judges use the opportunity to do a judge meeting and to have the same understanding of the process and scoring.
- Judges are divided in groups of 2 or 3 persons. The groups are mixed looking at the level of judging experience, country of origin and professional background.
- **Judging Phase 1:** Teams are judged several times/three times by different judging groups. Not every judging group can see a presentation of every team, because there are multiple judging groups at the event. It is avoided that judges see teams from their own country.



- **Judging Phase 2:**
 - All scores of all judging groups will be entered in the WRO Scoring System. Then the average scoring of all judges for a team will be used to determine the first ranking.
 - The first ranking will be discussed in a judge's deliberation round. The top teams (pending on the total amount of teams) from the ranking proceed to judging phase 3. All judges have the right to propose other teams that they feel should proceed to judging phase 3 as well. A judge will need to give relevant arguments for this proposal. Any proposals for extra teams will be discussed, if needed there will be a vote.
- **Judging Phase 3:** The number of points received in round 1 is not the only factor in this phase. All teams in the top group are looked at with a fresh eye. Guided by the age group head judge all teams are discussed again in the judges meeting. Information from the judging groups is shared, the team documentation and video are considered again and if needed teams will be visited by a judge group again to get additional information.
 - Based on the points received in phase 2 and the thorough discussion described above, the final ranking of the top teams is determined by the judges. The process for this is as follows:
 - The judges decide on the final ranking of the top teams.
 - In order to reflect this final ranking in the scoring system certain teams will receive correction points so they end up in the right place in the final ranking.
- The final ranking of the judging is published after the event in the WRO Scoring System. The teams can see the final score that is the average of all judges plus potential a little correction score from the judge's deliberation.

Information on sending project parts to the venue

Teams can send equipment or project parts to the venue prior to the International Final. The shipping address is as follows:

Westfalahallen Unternehmensgruppe GmbH
Jill Richter / World Robot Olympiad
Strobelallee 45
44139 Dortmund
Germany

Always put this complete address on your package! Do not leave out any parts of it, otherwise it will not arrive!



Information on electricity

In Germany, we use AC power plugs and sockets type F (CEE 7/3 sockets; CEE 7/4 plugs) with 230 V and 50 Hz, make sure you bring an adapter!

More information: <https://www.worldstandards.eu/electricity/plug-voltage-by-country/germany/>

Information on lightning

There will be no extra lightning for each box.

The venue for Future Innovators provides an overall, uniform artificial lightning.

Title page for project documentation

All teams must use the provided title page for their project documentation!

Project documentations with individual title pages will not be accepted by the Judges!

The title pages are available as Microsoft Word Files (*.docx) here:

- Elementary:
https://www.wro2022.org/docs/DOC_FI_Front-Page-Template-Elementary-2022-09-28.docx
- Junior:
https://www.wro2022.org/docs/DOC_FI_Front-Page-Template-Junior-2022-09-28.docx
- Senior:
https://www.wro2022.org/docs/DOC_FI_Front-Page-Template-Senior-2022-09-28.docx

Games & Rules / Questions & Answers

For the WRO International Final 2022, only the official Games & Rules are relevant:

<https://wro-association.org/competition/2022-season/>

Also check the Questions & Answers for updated information:

<https://wro-association.org/competition/questions-answers/>

