

Schedule & Tournament mode

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

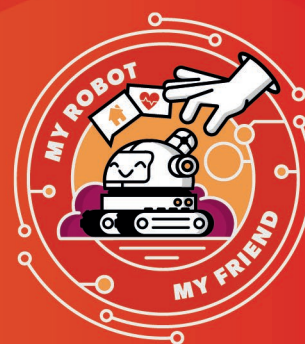
<https://www.wro2022.org/docs/WRO2022-International-Final-Schedule.pdf>

Detailed schedules are available at the event.

Most important for Future Engineers are the following information:

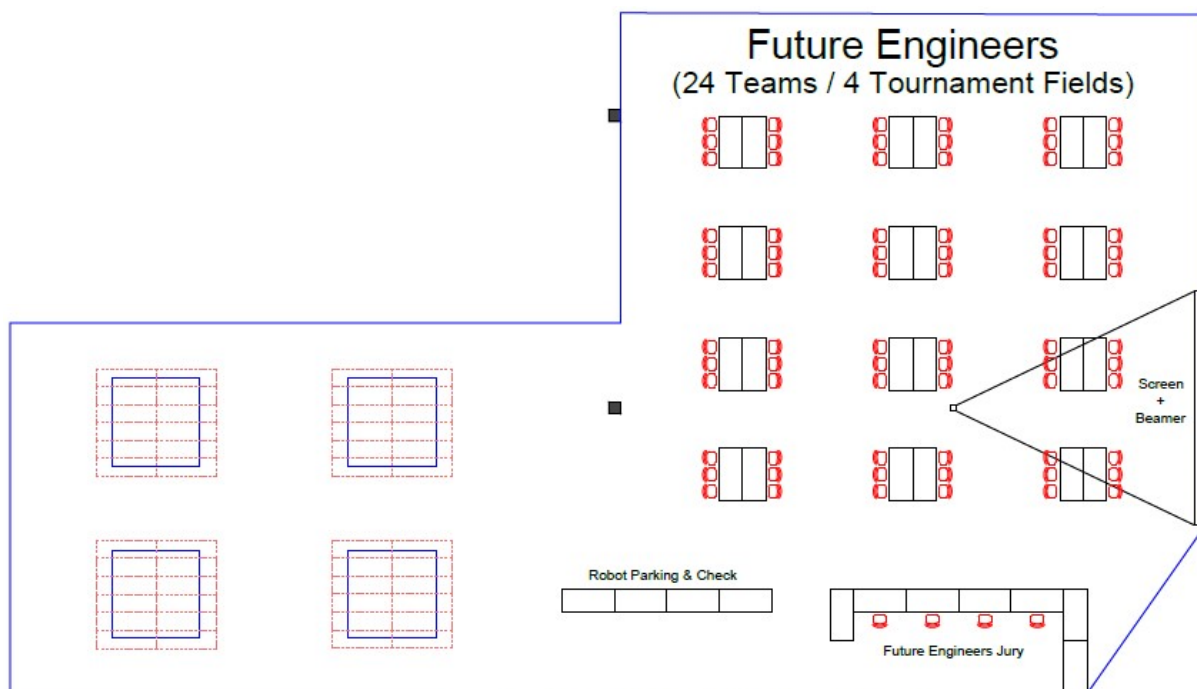
- Thu, Nov 17th**
- 09:00 Venue open, free practice time
Judges review engineering documentation
 - 12:30 Test robot check
*Teams must bring their robot to quarantine.
Judges check it for compliance with Games & Rules.*
 - 13:00 Test qualification round
*Teams make a test qualification round on the game field, Judges score it. The test qualification round ensures everyone knows the process for the next days.
The test qualification round does not count for the ranking!
After test qualification round: Robots stay in quarantine!*
 - 15:00 Transfer to Welcome Activity
All equipment (Computers, building parts, etc.) must stay in the tournament area! A security team will make sure no equipment gets lost, is stolen or compromised.
 - 17:00 Opening Ceremony
*Teams may take their equipment to the hotel after the ceremony,
Robots must stay in quarantine!*
- Fri, Nov 18th**
- 09:00 Start official practice time (60 minutes)
Judges question teams on engineering documentation
 - 10:00 Robot check
 - 10:30 First qualification round
 - 12:30 Start official practice time (60 minutes)
Judges question teams on engineering documentation
 - 13:30 Robot check
 - 14:00 Second qualification round
 - 15:00 Start official practice time (60 minutes)
 - 16:00 Robot check
 - 16:30 First final round
- Sat, Nov 19th**
- 09:00 Start official practice time (60 Minutes)
Judges provide feedback on engineering documentation
 - 10:00 Robot check
 - 10:30 Second final round

*Robots always stay in quarantine after each round and overnight!
All Teams participate in both qualification and final rounds!*



Tournament Setup

Future Engineers has its own tournament area. It is separated from the rest of the venue with barrier tape. The area has one big screen that shows the countdown of practice times and preliminary rankings. Each team has a team area, consisting of one table (1,80 m x 0,80 m), three chairs and three power sockets. There is a shared quarantine area (robot parking & check), where power sockets are also available. In total, there are four game fields. Always six teams share one game field.



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/>

Game Field Setup

The game fields have inner measurements of 300,0 cm x 300,0 cm.

The game mats have measurements of 320,0 cm x 320,0 cm. There is no gap between the game mat and the walls of the game field. The game mat material is 510 g/m² printed PVC with matt finish.



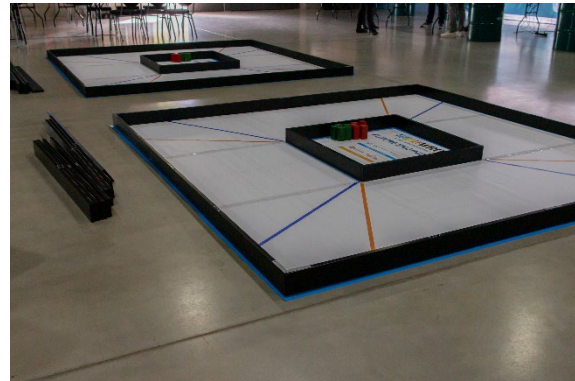
The game mats are placed on an even surface made of wooden chipboards. There are no edges or gaps that might disturb the robot.

The inner and outer walls are made of wood, are straight in the corners and painted black.

The wall height is 100 mm.

The traffic lights are made of wood and painted green or red.

The following images show the game field (example from German National Final, minimal differences to the International Final are possible):



Information on lightning

There will be no extra lightning for each game field.

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

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/>

