

### 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. They will provide information on exact matches. Match pairing will be determined by a lottery.

Most important for RoboSports are the following information:

- Thu, Nov 17th**
- 09:00 Venue open, free practice time
  - 12:15 Test robot check  
*Teams must bring their robot to quarantine. Judges check it for compliance with Games & Rules*
  - 12:45 One test game per team  
*Teams play a test game on the game field, judges score it. The test game ensures everyone know the process for the next days. The test game does not count for the ranking! After test game: Robots stay in quarantine!*
  - 15:00 Transfer to Welcome Activity  
*All equipment (Computers, LEGO, 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  
*Information on robots overnight: See next page!*
- Fri, Nov 18th**
- 09:00 Start official practice time (60 minutes)
  - 10:00 First robot check  
*Later robot checks individually before each game.*
  - 10:15 First game per team / Start round-robin tournament  
*Free practice time after first game.*
  - 11:00 Second game per team
  - 12:45 Third game per team
  - 13:30 Fourth game per team
  - 14:30 Fifth game per team
  - 15:15 Sixth game per team
  - 16:15 Seventh game per team
  - 17:00 Eighth game per team  
*Information on robots overnight: See next page!*
- Sat, Nov 19th**
- 09:00 Ninth game per team
  - 09:45 Tenth game per team
  - 10:30 Match number balancing: Additional games to make sure all teams played the same number of games in total  
*After the match number balancing, the ranking is finalized. The best four teams are invited into the knockout tournament to find the winner!*
  - 11:30 Semi-Final
  - 11:45 Third-Place Game
  - 12:00 Final



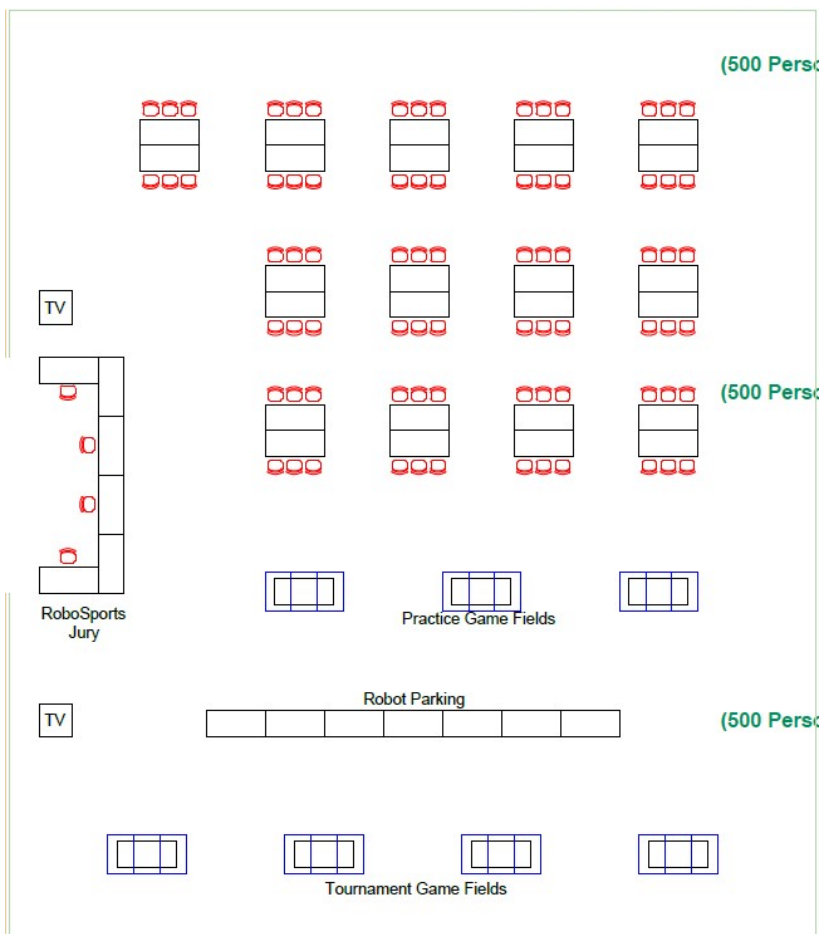
### Information on overnight handling of robots

In the RoboSports Category, teams are allowed to take only the hub / the main brick of the robot to the hotel overnight. Teams are only allowed to load the battery of the hub / main brick overnight.

The rest of the robot must always remain in the quarantine area overnight!

### Tournament Setup

RoboSports has its own tournament area. It is separated from the rest of the venue with barrier tape. The area has two big screens that show the countdown of practice time 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), where power sockets are also available. In total, there are four competition game fields and three extra practice game fields.



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/>

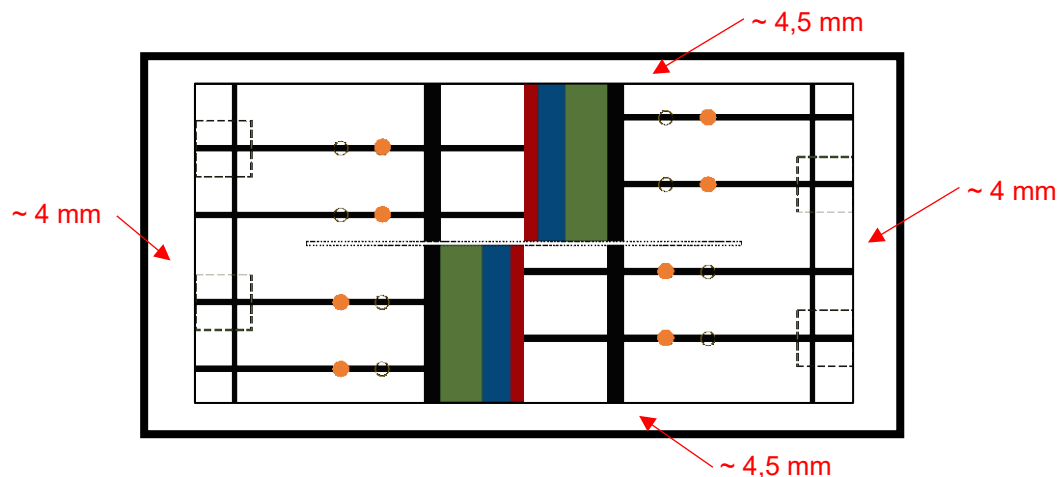
### **Game Field Setup**

The game fields have inner measurements of 237,0 cm x 115,2 cm.

The game mats have measurements of 236,2 cm x 114,3 cm. The game mat material is 510 g/m<sup>2</sup> printed PVC with matt finish.

The wall height is 100 mm. The walls are painted white.

The following scheme shows the game mats orientation in the game field and spare measurements:

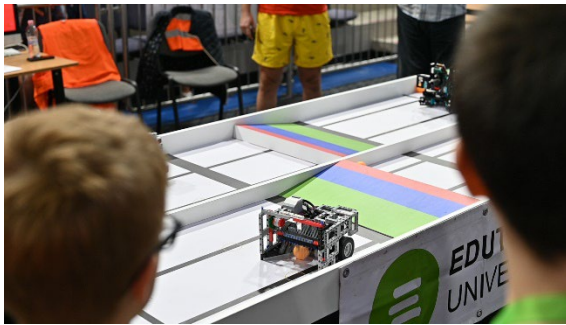


The barrier in the middle of the field is made of wood and painted white.

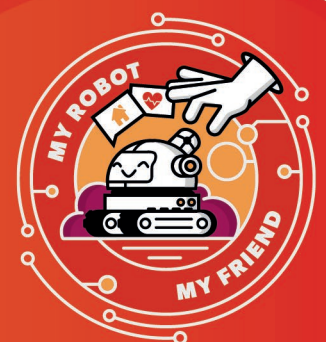
The ramps are made of 3 mm thick hard paper that has a smooth surface. The coloured areas are printed onto it. The threshold of the ramp on the side where the robots go up on it is 3 mm high. They have a supporting side wall and supporting ribs on the underside, so it is stiff at all times and capable of holding two robots at one time. The side that faces the opponents game half has a 90 degrees angle with the game field.



Here are some pictures of the ramps:



The balls are standard ping pong balls with a diameter of 40 mm. They are completely orange without other images or text printed on them.



Each game field is surrounded by a mesh plane in the event design. The number of each game field is presented on the mesh plane. Here is an exemplary image from a RoboMission game field:



The number of each game field will be placed here on the mesh plane. It is identical on the other side of the game field.

### **Information on lightning**

There will be no extra lightning for each game field.

The venue for RoboSports 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/>

