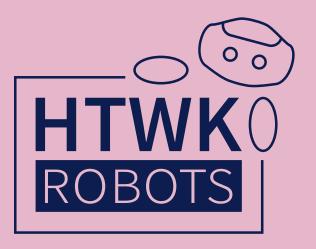
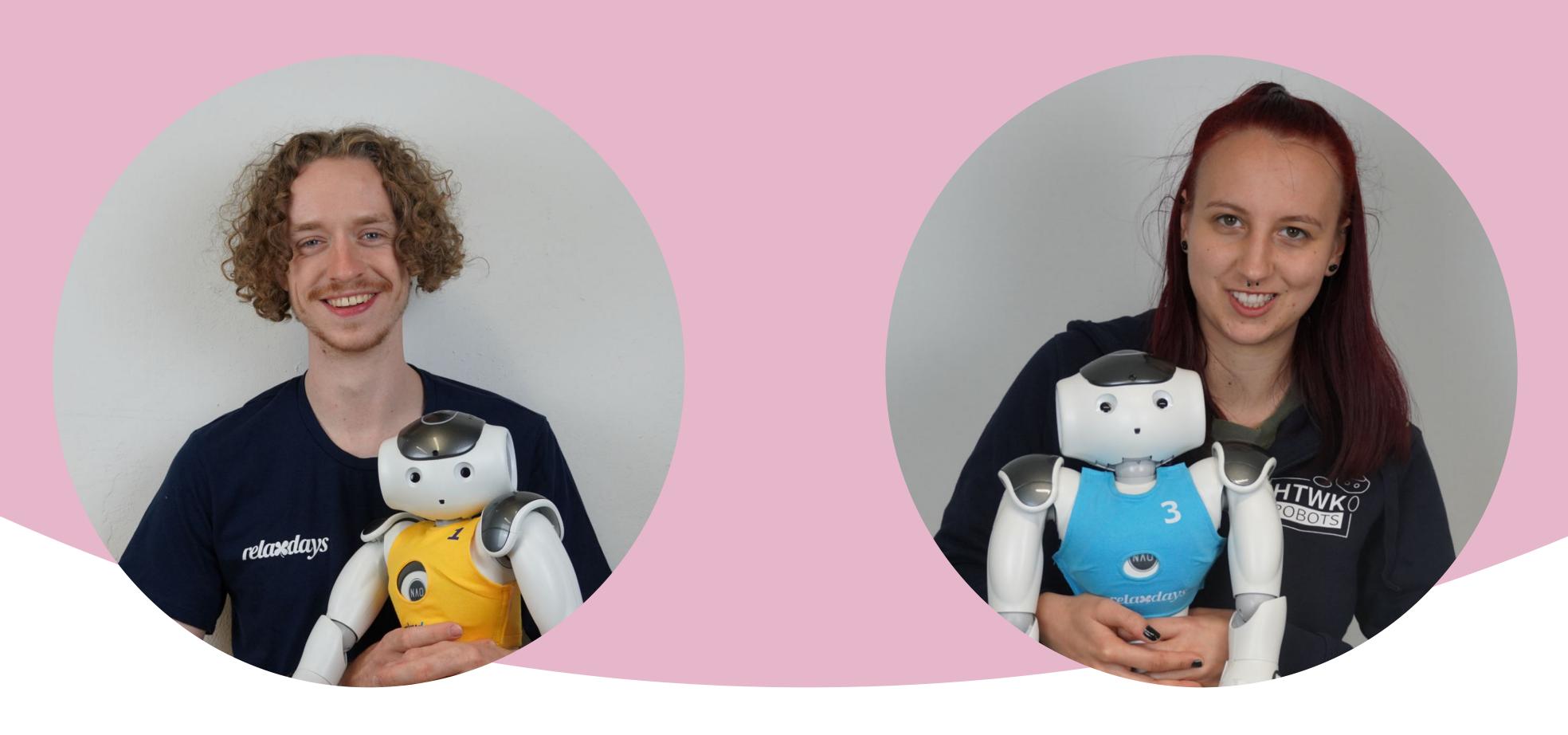


HTWK Robots



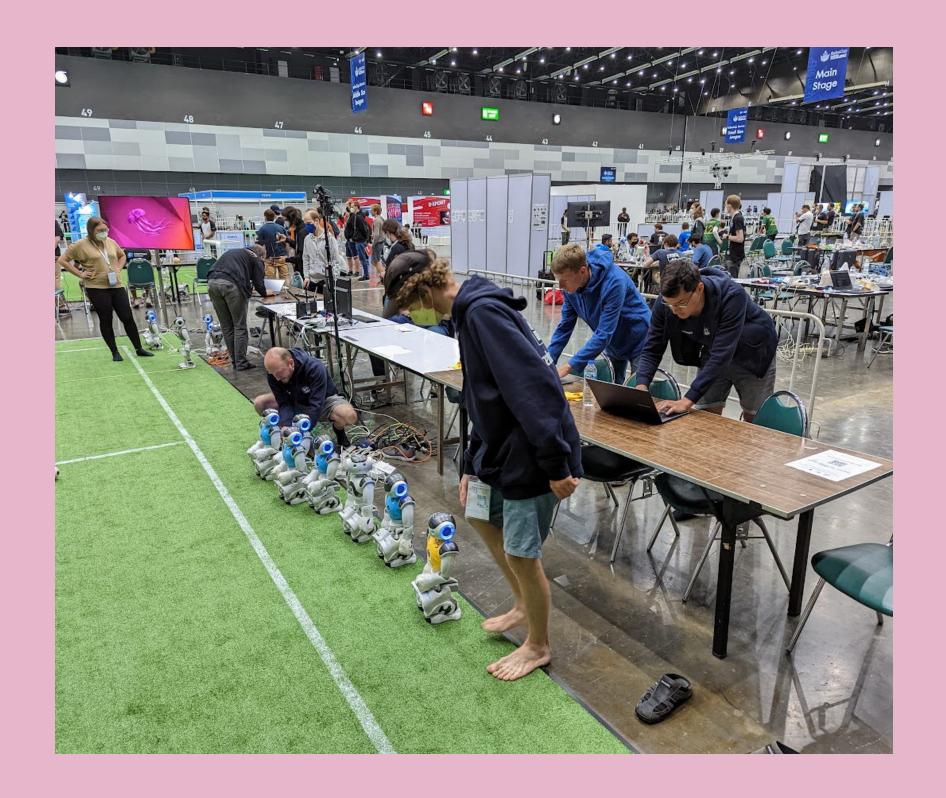


Felix, B.Sc. Informatik

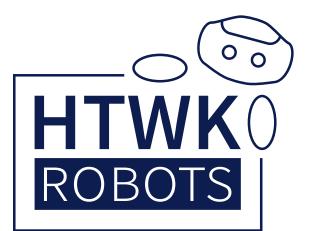
Lea, M.Sc. Informatik

Oktober & November

Alles neu!



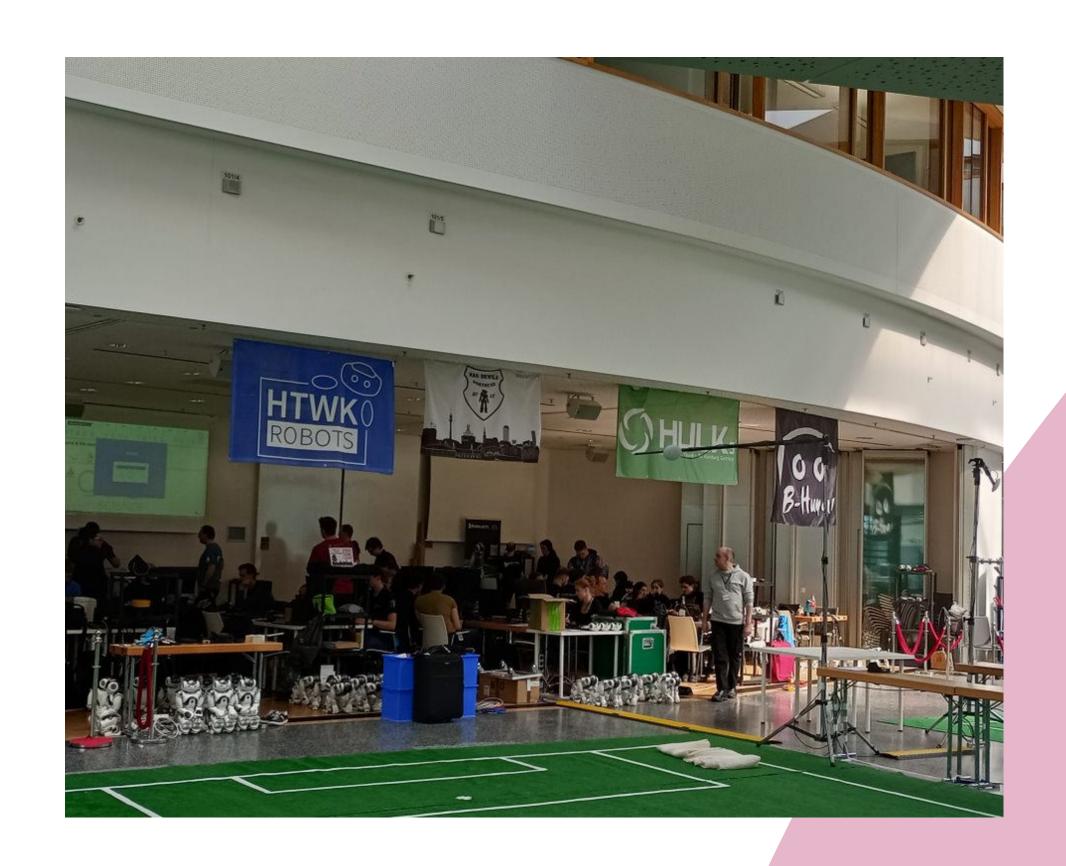




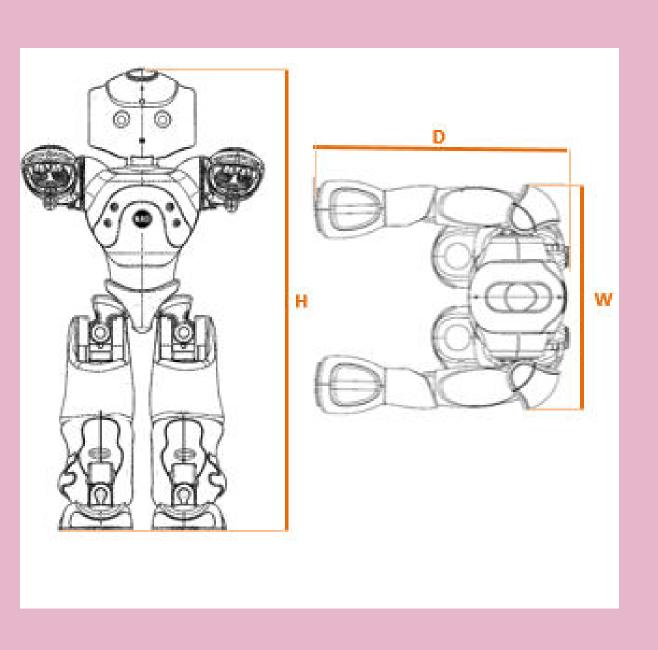
Dezember

HTWK0 ROBOTS

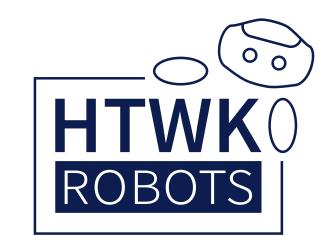
Zeit für Experimente







Januar



Neue Herausforderungen

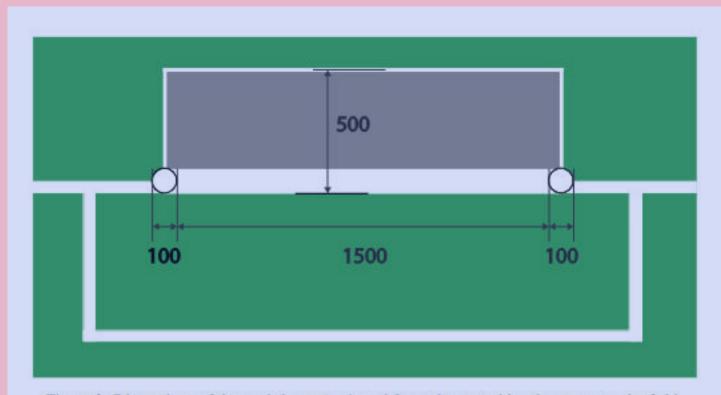
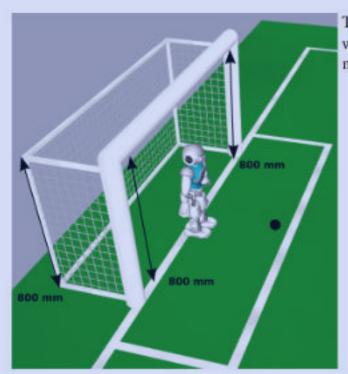


Figure 2: Dimensions of the goal (in mm), viewed from above, and its placement on the field.



The goalposts and crossbar are made from 3 white cylinders with a diameter of 100 mm. The net:

- has a height of 800 mm
- · is of white, gray or black color
- is tightly supported via the support structure, in a way to minimize interference with the goalkeeper
- has a weave with holes smaller than the ball diameter.

Figure 3: Appearance and dimensions of the goals.

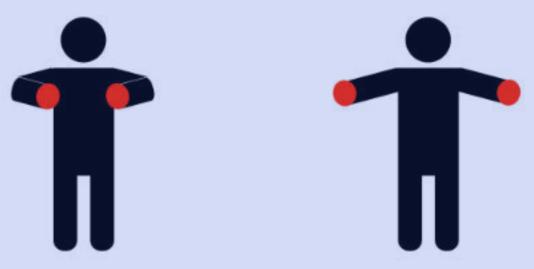
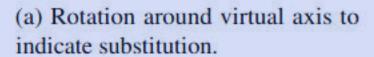
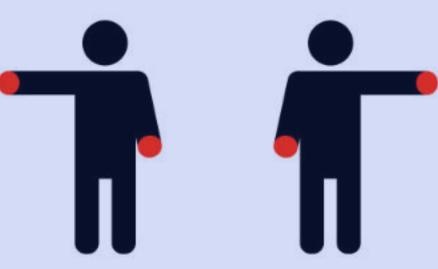


Figure 6: **Full-Time.** Dynamic two-handed signal. Both arms slowly move symmetrically inward and outwards on a horizontal plane, bending at the elbows.





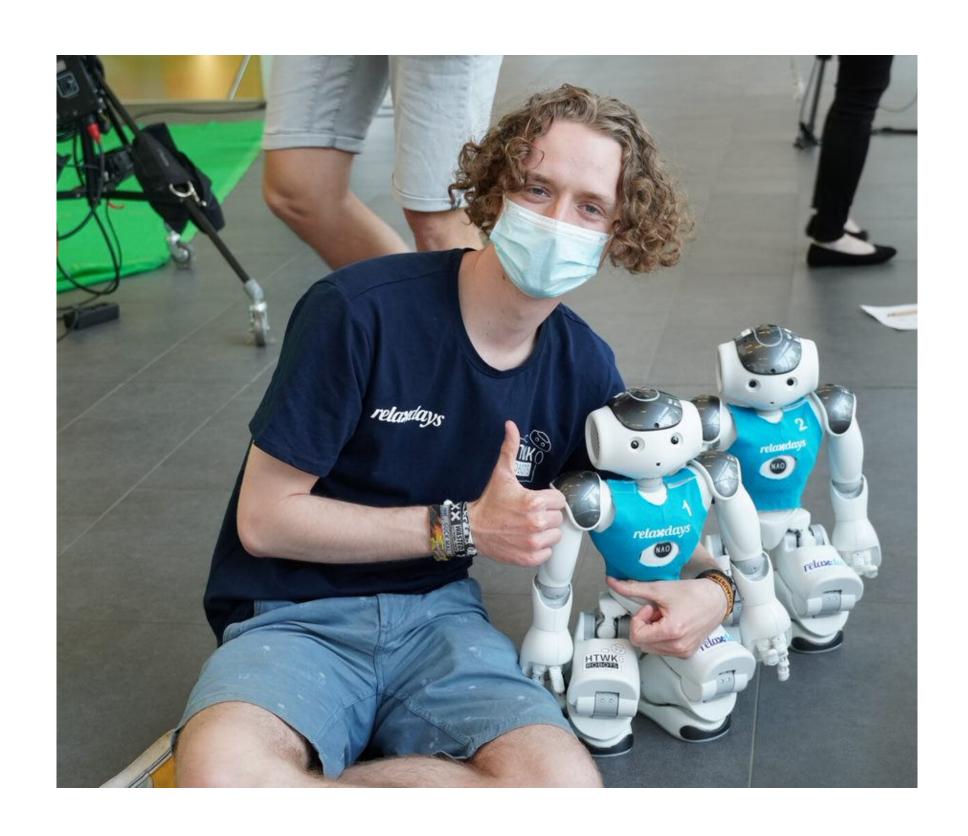


(b) Kick-in signal to indicate the team which is substituting a player. Two possible directions.

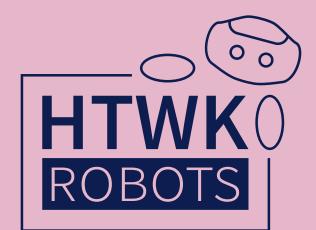
Figure 7: **Substitution.** Dynamic two-handed signal. Both arms slowly rotate symmetrically around a virtual horizontal axis parallel to the touchline. After three rotations the referee indicates the team which is substituting a player with the kick-in signal.

Februar

Große Ideen





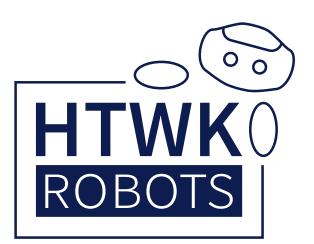


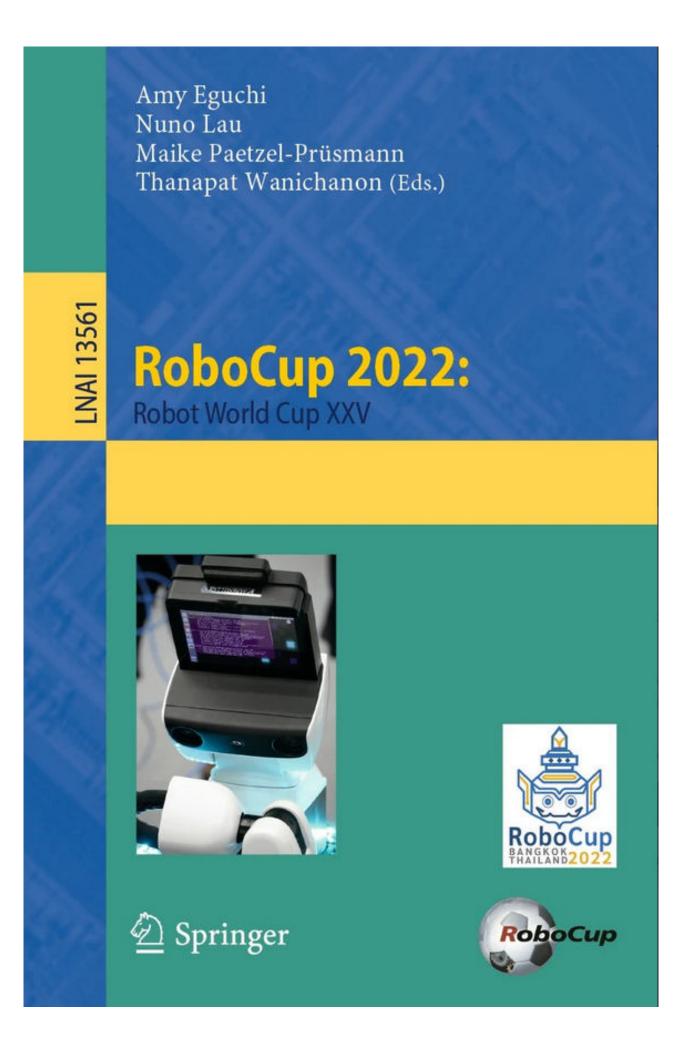
März

Die großen Fragen









April

HTWK() ROBOTS

Probe auf's Exempel



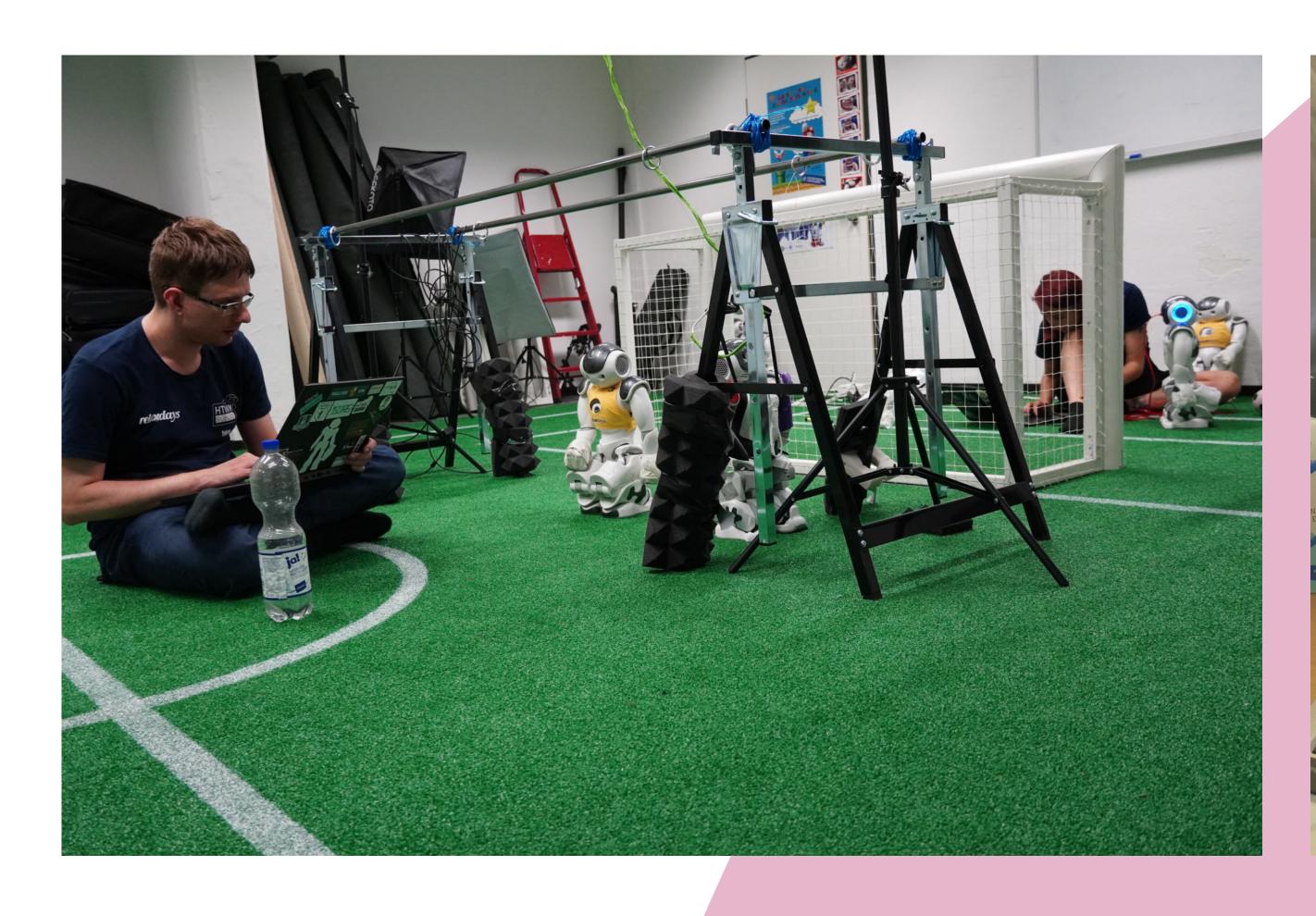


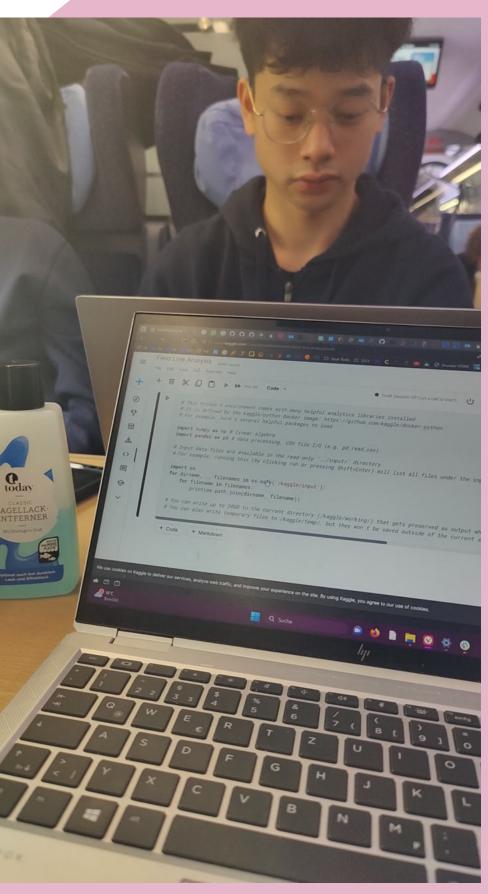


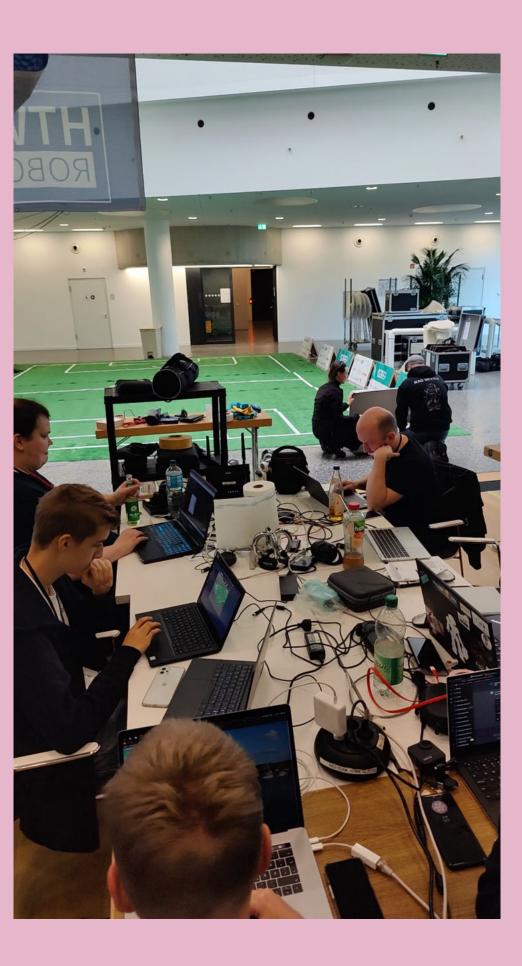
Mai & Juni

HTWK0 ROBOTS

Crunchtime







Juli

HTWK() ROBOTS

Mit- & Gegeneinander

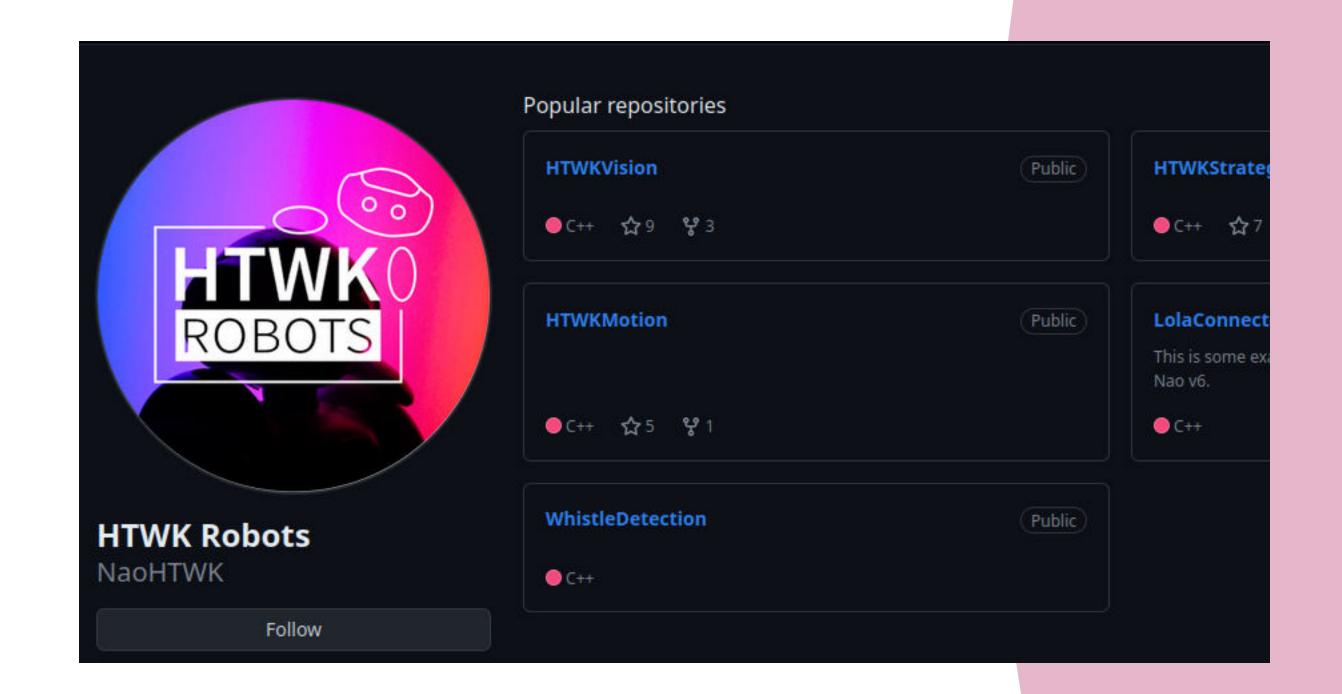


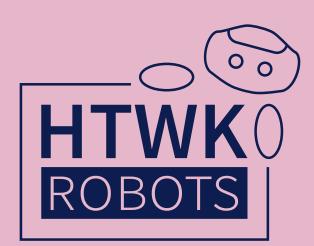


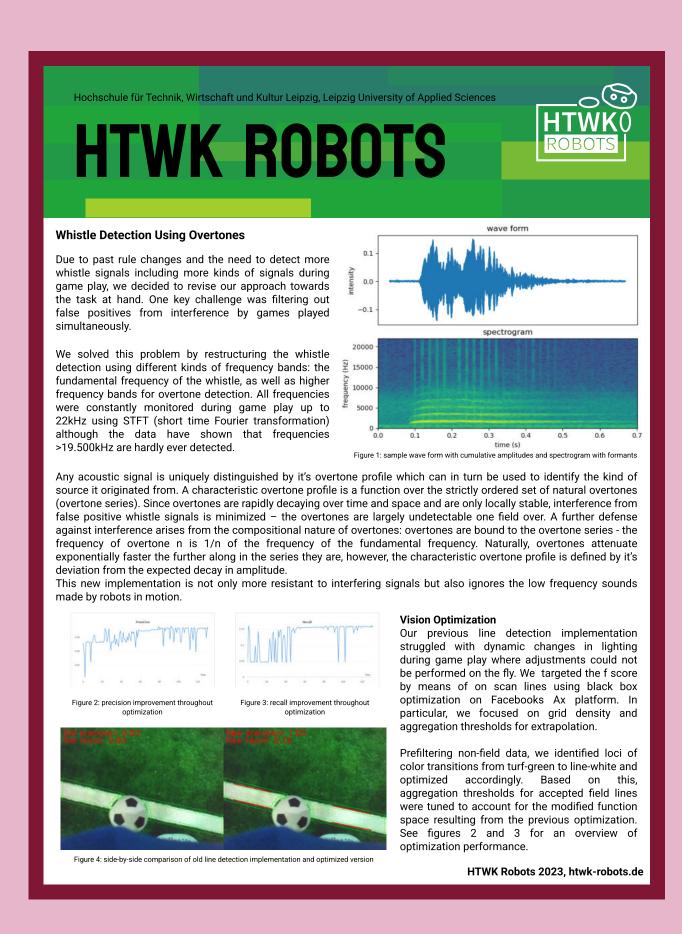


August

Code Release

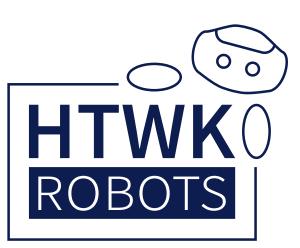






September

Mehr als ein Hobby

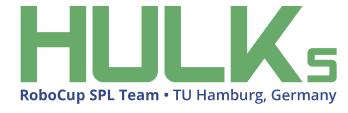














Vielen Dank!

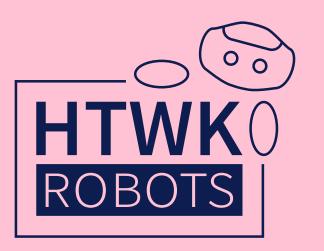


HTWK Robots Hackathon

11.11. - 12.-11

Coden, Quatschen, Chillen und Mate

HTWK Nieper Bau



Weblinks:



@htwk.robots



htwk-robots.de blog.htwk-robots.de



HTWK Robots