



NAO Devils Dortmund RoboCup 2024 Shared Autonomy Challenge



Interface

- Field view displays the current position of detected opponents, ball, robot, and its teammate.
- Camera images can be displayed optionally in reduced quality.

Commands

- Robot walks, kicks, or passes to a given position via mouse click. The robot's rotation can be adjusted by dragging into the desired direction.
- Ballchaser decision can be overwritten manually for coordination with the autonomous robot.

Strategy

- During attack:
 - The autonomous robot passes the ball to the remote controlled robot if there is enough time left. If the time is almost over, it tries to score a goal.
 - The remote controlled robot operator tries to reach a free position on the field, waits for a pass, and tries to pass it back to the autonomous one.
- During defend:
 - The autonomous robot defends the goal and dives if necessary.
 - The remote controlled robot operator tries to move the ball as far as possible into the opponent's half.