

MWC Shanghai Humanoid Robot Penalty Shootout Competition Guidelines

Dear participating teams, please refer to the following guidelines for the MWC Shanghai Humanoid Robot Football Penalties Challenge.

1. General Information

- Participation in both the competition and the celebration party is free of charge.
- Each team will receive three Exhibition Visitor Passes.

2. Venue Specifications

- Standard pitch covering the 5-a-side goal and penalty spot, with the penalty spot located 6 meters from the goal. Standard 5-a-side goal (height 2 m, width 3 m), artificial turf, penalty spot marked.
- Rest areas for both teams' players provided, with sufficient 220V power outlets available.

3. Competition Robot Specifications

- Form requirement: Bipedal humanoid robot
- Control method: Shooting must be autonomous; goalkeeping may be autonomous or remote-controlled
- Third-party robot hardware combined with self-developed embodied intelligence models is permitted

4. Robot Specifications for Cheerleading and Celebration

- Teams are encouraged to bring cheerleading robots. No special requirements for cheerleading robots — bipedal, quadrupedal, or other configurations are all welcome. The organizing committee will arrange performance slots based on the number of registered cheerleading teams.
- No special requirements for robots participating in the celebration — bipedal, quadrupedal, or other configurations are all welcome
- Performances must not violate public order or morality

5. Competition Rules

- Match format: Each round, both teams deploy 1-2 robot(s) (if only 1 is deployed, it must serve as both shooter and goalkeeper), alternating between shooting and saving
- Match duration: Each round consists of 5 penalty kicks
- Win/Loss Determination:
 - The team with more goals after 5 rounds wins
 - In case of a tie, proceed to "Sudden Death" overtime rounds
 - If still tied after 3 overtime rounds, determined by technical score (first by shots on target, then by celebration actions score)

6. Shooting Rules

- Ball contact: Must clearly kick the ball with the foot; throwing or carrying the ball into the goal is prohibited
- Valid goal: The entire ball must cross the goal line without any rule violations
- Celebration actions after scoring are encouraged (if imitating famous players, please obtain authorization independently); celebrations actions must not violate public order or morality

7. Goalkeeping Rules

- Starting position: Any position within the goal line area
- Movement restriction: Must not cross the goal line before the whistle; may move left or right after the whistle
- Saving method: Any body part may be used to block; destructive behavior is prohibited
- Celebration actions after a successful save are encouraged (if imitating famous players, please obtain authorization independently); celebrations actions must not violate public order or morality

8. Awards

Award	Quantity	Description
Champion	1 team(s)	Final winner of the knockout stage
Runner-up	1 team(s)	Runner-up of the final
Third Place	1 team(s)	Winner of the 3rd/4th place match
Best Player (Golden Boot)	1 winner(s)	Most goals scored; tied by celebration performance score
Best Goalkeeper (Golden Glove)	1 winner(s)	Highest save success rate; tied by celebration performance score
Best Celebration	1 award(s)	Creativity, execution quality, and relevance to the scoring moment
Most Promising Newcomer Award	1 award(s)	Outstanding university/or startup team

9. Schedule

- 6/23: Venue familiarization training (afternoon)
- 6/24: Venue familiarization training (morning)
- 6/24: Opening ceremony; all matches except the semi-finals, 3rd/4th place match, and final (afternoon).
- 6/25: Semi-finals, 3rd/4th place match, and final (with human-robot interaction experience and robot cheerleading dance performances interspersed) (morning)
- Detailed schedule will be finalized after the number of participating teams is confirmed

10. Award Ceremony and Celebration Party

- 6/25: Celebration Party, group photo of participating teams, and media interviews (afternoon).
- Celebration Party tentatively features 8-10 performances, with audience scoring interactions and media interviews throughout.
- 6/25: Award ceremony held on a yacht on the Huangpu River (evening).

For any questions, [please contact gzhihong@gsma.com](mailto:gzhihong@gsma.com) or call 13916093522.