

WER 2023 World Championship Contest

Invitation Letter

(Third Round)

The World Educational Robot Contest (WER) is founded and organized by World Educational Robotics Society (WERS). The WER is the Olympic Game in educational robotics and was created for students from ages 3 to 18, secondary vocational students, higher vocational students and college students. WERS and WER were co-founded in 2012 by Dr. Yun Weimin and Prof. Jake Mendelssohn. The goals of WER are to train successful intelligence, enhance science and technology accomplishment and sharpen technological talents. More than 1,000,000 participants around the globe participate in WER contests every year.

After three years of online WER world championships, we will finally meet in ShangHai again in 2023, and the scale of 2023 World Championship Contest will be even greater than ever.

I . Contest Name

WER 2023 World Championship Contest

II . Contest Date

Date: 16-17 Dec 2023

December 16 Star Ocean scientist lecture, December 17
competition

III. Location

National Exhibition and Convention Center (Shanghai)

IV. Host Organizations

World Educational Robotics Society

V. Organizer

WER 2023 World Championship Organizing Committee

VI. Supporting Agencies

Chinese Society of Automation

China Association for the Promotion of International Economic
Cooperation

China Society for Artificial Intelligence Intelligent Robot Committee

National Robot Testing and Evaluation Center

Future School Laboratory, Chinese Academy of Education
Sciences

China Social and Cultural Development Foundation

Asia Wealth Forum Future Education Center

Guojie Research Institute

Department of Computer Science, Harbin Institute of Technology

Shanghai Astronautical Society

VII. Sponsor

Co-organizer:

World Educational Robot Society National Chapters (Japan, Mexico, Russia, Egypt, United States, United Kingdom, Panama, etc, more than 50 other chapters)

VIII.WER official competition platform:

Abilix educational robots

IX. Projects

(1) Contests for Primary and Secondary Schools

1. Brick Educational Robot Universal Contest [Primary School Group, Middle School and High School Group] (SK201)
2. Mobile Educational Robot Contest [Primary School Group, Middle School and High School Group] (SO901)
3. Module Educational Robot Contest [Primary School Group, Middle School and High School Group] (SB901)
4. Humanoid Educational Robot Contest [Primary School Group, Middle School and High School Group] (SE901)
5. Flying Educational Robotics Contest [Primary School Group, Middle School and High School Group] (SI901)
6. Underwater Educational Robotics Contest [Primary School Group, Middle School and High School Group] (SU901)
7. Metaverse Educational Robot Contest [Primary School Group, Middle School and High School Group] (SV501)

8. Brick Educational Robot Invention Contest [Primary School Group, Middle School and High School Group] (SK901 / SP909)
9. Brick Educational Robot Engineering Innovation Contest [Primary School Group, Middle School and High School Group] (SK901)
10. Brick Educational Robot Ability Challenging Contest [Primary School Group, Middle School and High School Group] (SK901)
11. Brick Educational Robot Creating the Future Contest [Primary School Group] (Krypton 4 /Krypton 8)
12. Artificial Intelligence Contest [Primary School Group, Middle School and High School Group] (SK901)
13. Educational GPT AI World Contest [Primary School Group, Middle School and High School Group] (EduGPT901)

(2) Secondary Vocational Competition System

1. Brick Educational Robotics Contest : Intelligent Logistics [Secondary Vocational Group] (C7)
2. Module Educational Robotics Contest : Intelligent Bionic System [Secondary Vocational Group] (SB901)
3. Humanoid Educational Robot Contest : 3 vs 3 Soccer Game [Secondary Vocational Group] (SE901)
4. Brick Educational Robot Inventor Contest [Secondary Vocational Group] (SK901 / SP909)

5. Educational GPT AI World Contest [Secondary Vocational Group]
(EduGPT901)

(3) Higher vocational competition system

1. Brick Educational Robotics Contest : Intelligent Logistics
[Vocational Group] (C7)

2. Module Educational Robot Contest : Intelligent Bionic System
[Higher Vocational Group] (SB901)

3. Humanoid Educational Robot Contest : 3 vs 3 Soccer Game
[Vocational Division] (SE901)

4. Brick Educational Robot Invention Contest [Vocational Group]
(SK901 / SP909)

5. Educational GPT AI World Contest [Secondary Vocational Group]
(EduGPT901)

(4) College Competition System

1. Brick Educational Robotics Contest : Intelligent Logistics
[College Group] (C7)

2. Module Educational Robotics Contest : Intelligent Bionic
Systems [College Group] (SB901)

3. Humanoid Educational Robotics Contest : 3 vs 3 Soccer Game
[College Group] (SE901)

4. Brick Educational Robot Invention Contest [College Group]
(SK901 / SP909)

5.Educational GPT AI World Contest [College Group]

(EduGPT901)

(5) On-site project friendly competition (rules promulgated on the spot)

1. Free Race
2. Robot Following

X. Qualification:

Any student team with global scientific and technological talents is specially invited to participate after being reviewed by the organizing committee.

Xi. Scholarships for Competition:

RMB 10,000 for the Champion team, RMB 5,000 for the Second Place team and RMB 2,000 for the Third Place team.

Xii. Proportion of Awards:

First Prize: top 5%;

Second Prize: top 5%-15%;

Third Prize: top 15%-35%

Xiii. Registration Method and Time:

Teams are only allowed to register for a single event in each competition system, and their qualification will be confirmed after approval.

WER register website: en.wergame.org

Registration period: Nov 1, 2023 to Nov 30 , 2023

E-mail: wergame@abilix.com

Xiv. Rules Download:

en.wergame.org

