WER

World
Educational
Robot
Contest

World Educational Robot Contest（WER）

WER
World Educational Robot Contest

Table of Contents

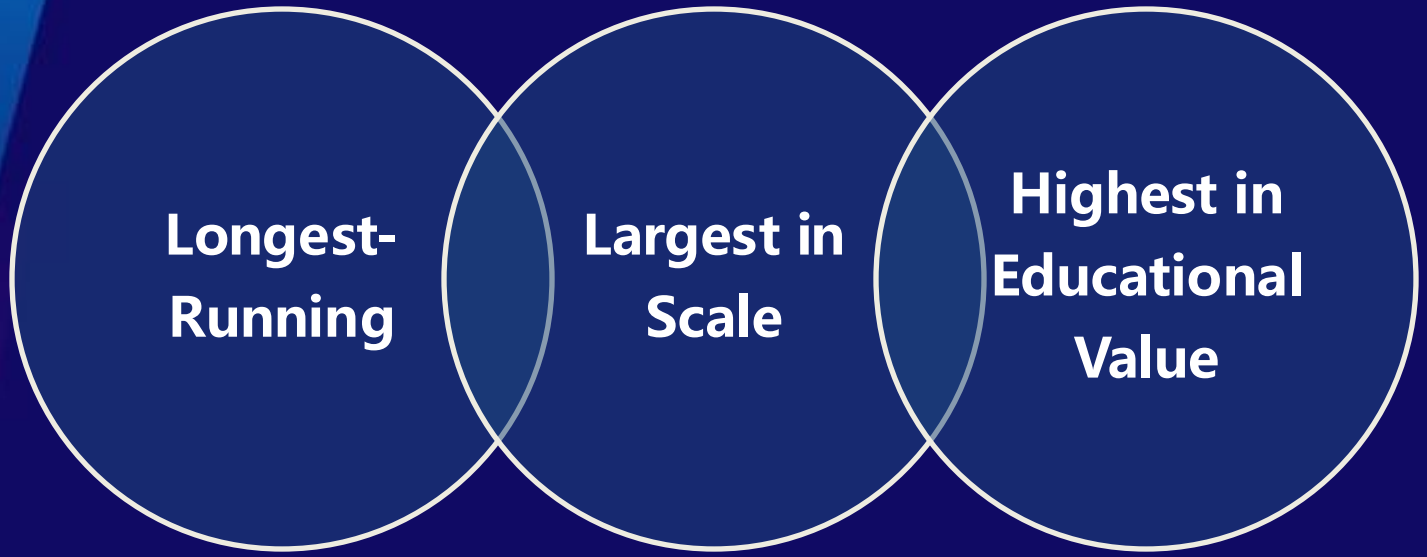
1. WER: The Olympics of Educational Robotics
2. The History of WER
3. The Value of WER
4. WER’s Global Network
5. WER’s Contests Structure
6. WER Contest Categories
7. Highlights from WER National Championships

WER
World
Educational
Robot
Contest

01

WER: The Olympics of Educational Robotics

WER
World Educational Robot Contest



WER (World Educational Robot Contest) is the Olympics of educational robotics.

WER: The Olympics of Educational Robotics

WER
World
Educational
Robot
Contest

02

History of WER

Founding of WER

1994 Professor Jake Mendelssohn, a pioneer in educational robotics, launched the world's first international robot Contests for students. By 1996, it became the earliest global contest involving primary and secondary school students.

2000 Dr. Yun pioneered educational robotics Contestss in China, quickly expanding them into the largest and most diverse set of events globally. He also established a professional development system for robotics education.

2012 Dr. Yun and Professor Jake Mendelssohn co-founded the World Educational Robotics Society and initiated the World Educational Robot Contest (WER) in 2013. WER reflects their shared vision of blending robotics with early SITA-based education.

2013 1st WER World Championship – China

2014 2nd WER World Championship – USA

2015 3rd WER World Championship – Canada

2016 4th WER World Championship – China

2017 5th WER World Championship – China

2018 6th WER World Championship – China

2019 7th WER World Championship – China

WER
World Educational Robot Contest

Co-Chairs of WER

Dr Weimin Yun

Co-founder of WER

Co-founder of Educational Robotics
Founder of Companion Robotics
Father of Graphical Programming for Children
Founder of the GBA Theory in Biorobotics
Recipient of the highest honour in educational robotics —
The International Leadership Award in Educational Robotics

Prof. Jake Mendelssohn

Co-founder of WER

Co-founder of Educational Robotics
Professor at Trinity College, USA
Professor at Hartford Institute of Teaching Science
Founder of the Home Robot Firefighting Contests
Pioneered introducing robot Contestss into primary and secondary education globally in 1996

Prof. Kaige Wang

Global Promoter of WER

Executive Deputy Director, China Education Television (CECTV)
Professor and Think Tank Director, Communication University of China
Special Researcher, Cultural Center, Chinese Academy of Social Sciences
Executive Director, Beijing New Media Joint Lab, National New Media Industry Base
Advisor, National Cultural Industry Demonstration Zone

WER
World
Educational
Robot
Contest

03

The Value of WER

WER
World Educational Robot Contest

For children – WER is a platform to develop success skills and boost tech literacy.

Develop Skills to Suceed

Enhance Tech Literacy

Nurture Tech Geniuses

Help children acquire the most essential success skills and tech literacy for the AI era.

- WER offers great educational value, based on the SITA method.
- WER avoids detachment by focusing on real projects, putting Contestss back in students’ hands.
- WER compares students, not teachers or engineers.
- WER compares students, not equipment, using one top educational robot platform.
- WER makes robotics both easy to access and professional.
- WER keeps improving its Contests rules.
- Children need a popular, trusted robotics Contests like the Olympics.

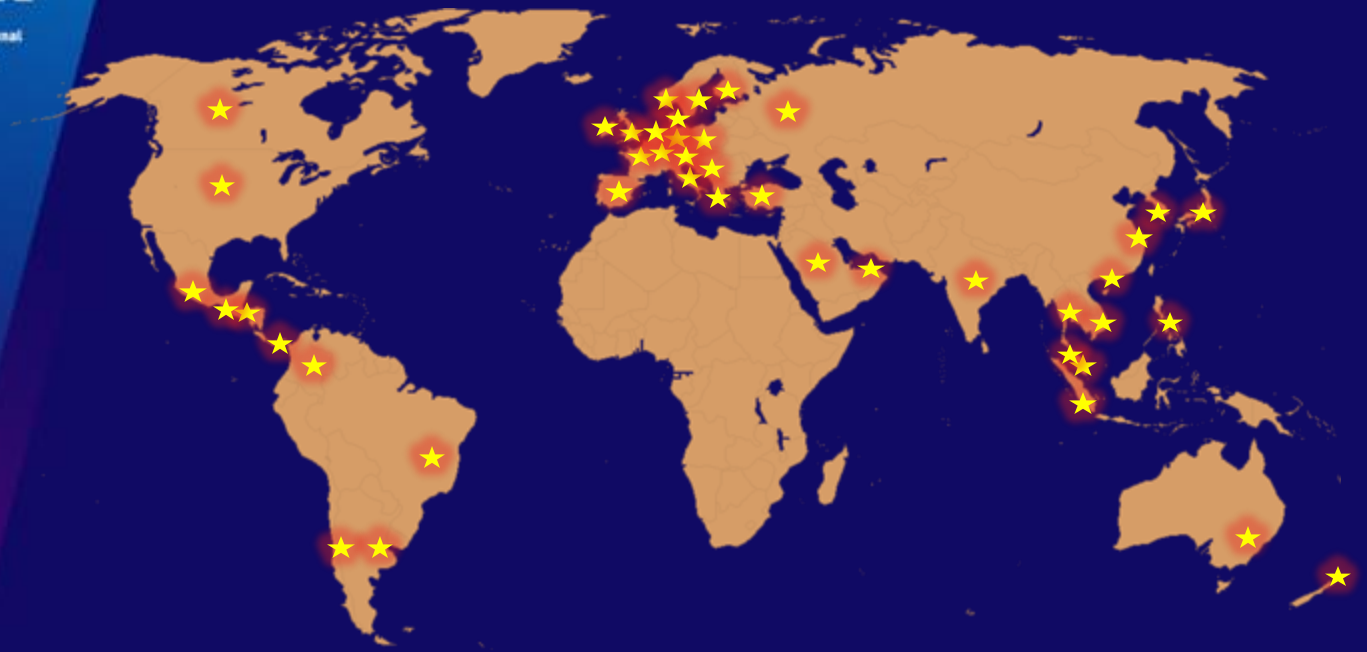
WER
World
Educational
Robot
Contest

04

WER Global Network

WER
World Educational Robot Contest

WER Global Network



WER is a global educational robotics Contests for children and teens aged 3 to 18, attracting over 1 million students from more than 50 countries each year.

WER Organising Committee

Asia Regional Organising Committees:

- WER China Regional Committee
- WER Hong Kong Regional Committee
- WER Macau Regional Committee
- WER India Regional Committee
- WER Indonesia Regional Committee
- WER Japan Regional Committee
- WER South Korea Regional Committee
- WER Malaysia Regional Committee
- WER Philippines Regional Committee
- WER Singapore Regional Committee
- WER UAE Regional Committee
- WER Saudi Arabia Regional Committee

Asia Regional Organising Committees:

- WER Iraq Regional Committee
- WER Lebanon Regional Committee
- WER Syria Regional Committee
- WER Jordan Regional Committee
- WER Kazakhstan Regional Committee
- WER Israel Regional Committee
- WER Vietnam Regional Committee
- WER Thailand Regional Committee
- WER Qatar Regional Committee

WER Organising Committee

Europe Regional Organising Committees:

- WER Croatia Regional Committee
- WER United Kingdom Regional Committee
- WER Spain Regional Committee
- WER Germany Regional Committee
- WER Italy Regional Committee
- WER Poland Regional Committee
- WER Russia Regional Committee

Europe Regional Organising Committees:

- WER Turkey Regional Committee
- WER Serbia Regional Committee
- WER Bosnia and Herzegovina Regional Committee
- WER Hungary Regional Committee
- WER Bulgaria Regional Committee
- WER Czech Republic Regional Committee

WER Organising Committee

Americas Regional Organising Committees:

- WER United States Regional Committee
- WER Canada Regional Committee
- WER Mexico Regional Committee
- WER Brazil Regional Committee
- WER Panama Regional Committee
- WER Puerto Rico Regional Committee
- WER Paraguay Regional Committee
- WER Chile Regional Committee
- WER Costa Rica Regional Committee
- WER Ecuador Regional Committee

Africa Regional Organising Committees:

- WER Ethiopia Regional Committee
- WER Libya Regional Committee
- WER Nigeria Regional Committee
- WER Morocco Regional Committee
- WER Egypt Regional Committee
- WER Kenya Regional Committee

Oceania Regional Organising Committee:

- WER Australia Regional Committee

WER
World
Educational
Robot
Contest

05

WER’s Contests Structure

WER
World Educational Robot Contest

WER Structure

1. WER World Championships
2. WER World Opens
3. WER Country Championships
4. WER Province/State Contests
5. WER City Contests
6. WER District Contests
7. WER School Contests

WER
World
Educational
Robot
Contest

06

WER Contest Categories

WER

World Educational Robot Contest

13 Contests for Schools

2 Contests for Training Centres

2 Contests for Vocational Schools

2 Contests for Vocational Colleges

2 Contests for Universities

WER
World Educational Robot Contest

Schools

- Brick Educational Robotics Contests(Elementary)
- Brick Educational Robotics Contests(Advanced)
- Mobile Educational Robotics Contests
- Modular Educational Robotics Contests
- Humanoid Educational Robotics Contests
- Aerial (Flying) Educational Robotics Contests
- Underwater Educational Robotics Contests
- VR Educational Robotics Contests
- Brick Educational Robotics Invention Contests
- Brick Educational Robotics (E-Learning Format)
- Brick Educational Robotics (NOC Format)

AI-related Contests

- **AI Contests**
- **Humanoid Image Recognition Contests**

WER
World Educational Robot Contest

Training Centres

- Brick Educational Robots(Elementary)
- Brick Educational Robots(Advanced)

Vocational Schools

- Brick Educational Robotics: Smart Logistics
- Brick Educational Robotics Invention Competition
- Humanoid Educational Robotics: 3v3 Football Match

WER
World Educational Robot Contest

Vocational Colleges

- Brick Educational Robotics: Smart Logistics
- Brick Educational Robotics Invention Competition
- Humanoid Educational Robotics: 3v3 Football Match

Universities

- Brick Educational Robotics: Smart Logistics
- Brick Educational Robotics Invention Competition
- Humanoid Educational Robotics: 3v3 Football Match

WER
World
Educational
Robot
Contest

07

Highlights from WER National Championships

WER

World Educational Robot Contest

USA

Canada

Mexico

Britain

Spain

Croatia

The UAE

Malaysia

India

Phillipines

Japan

Australia

Croatia - Zagreb

Kolinda Grabar-Kitarović, President of Croatia, attended the event and delivered a speech.

Croatia - Zagreb

USA – Los Angeles

Professor Zoya Mirza from the University of Southern California and Jennifer Lashley, founder of SOUTH LA ROBOTICS, were among the distinguished guests who attended the event to cheer on the young tech talents.

Mexico – Mexico City & Guanajuato

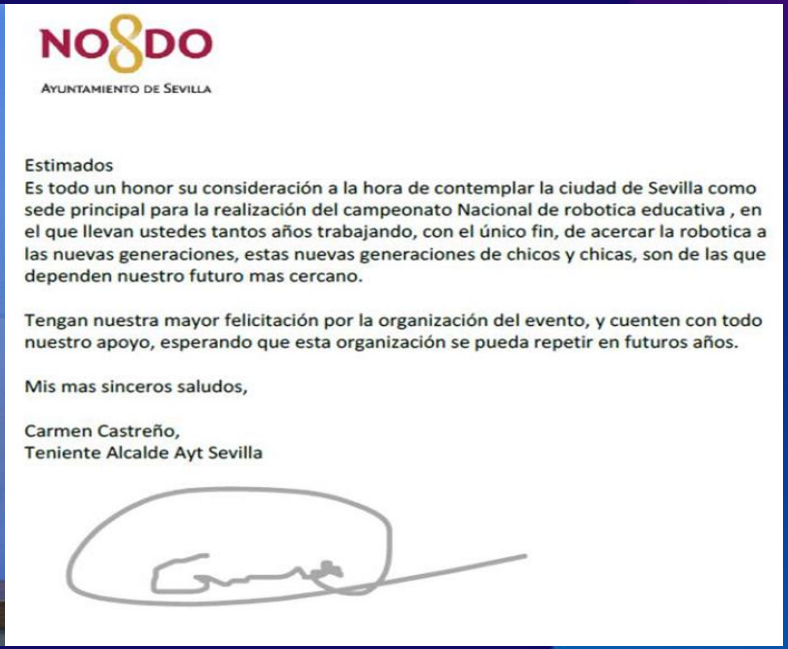
WER
World Educational Robot Contest

Mexico – Mexico City & Guanajuato

Britain - Sheffield

Mr Magid, Mayor of Sheffield, attended the event and engaged with the competitors.

Spain - Sevilla



NO8DO

AYUNTAMIENTO DE SEVILLA

Estimados
Es todo un honor su consideración a la hora de contemplar la ciudad de Sevilla como sede principal para la realización del campeonato Nacional de robotica educativa , en el que llevan ustedes tantos años trabajando, con el único fin, de acercar la robotica a las nuevas generaciones, estas nuevas generaciones de chicos y chicas, son de las que dependen nuestro futuro mas cercano.

Tengan nuestra mayor felicitación por la organización del evento, y cuenten con todo nuestro apoyo, esperando que esta organización se pueda repetir en futuros años.

Mis mas sinceros saludos,

Carmen Castreño,
Teniente Alcalde Ayt Sevilla

Ms Carmen Crasteño, Deputy Mayor of Seville, Spain, sent a congratulatory letter wishing the competition great success.

Spain - Sevilla

Spain’s national TV visited the competitors.

Spain - Sevilla

Australia - Brisbane

Representatives from Brisbane's Mayor Steven Huang, Redeemer Lutheran College Principal Tanya Crooks, Queensland Chief Scientist Office Director Stephenson Lauren, and Study Gold Coast CEO Alfred Slogrove—leading figures from government, business, and education—attended the event to watch the competition.

WER
World Educational Robot Contest

Australia - Brisbane

WER
World Educational Robot Contest

Malaysia – Kuala Lumpur

Malaysian Parliamentarian Yeo Bee Yin attended and hosted the opening ceremony.

WER
World Educational Robot Contest

The UAE - Dubai

Singapore

Professor David Chua, Associate Dean of Engineering at the National University of Singapore, Mr Lee, founder of RoboticsPlus, Mr Donnie, RoboticsPlus lead, and Mr Wang Lu, President of the NUS Engineering Club, were among the distinguished guests invited to attend and watch the competition.

WER
World Educational Robot Contest

Serbia - Belgrade

WER
World Educational Robot Contest

Bosnia and Herzegovina

WER
World
Educational
Robot
Contest

- WER is a global platform with significant influence;
- Making a major impact on culture and technology;
- Inspiring young people and shaping the future.

WER

World
Educational
Robot
Contest

THANK YOU!

WER官网：www.wergame.org
WER邮箱：wer@wergame.org