10<sup>th</sup> 2025

# WORLD ROBOT CONFERENCE

BEIJING, CHINA August 8-12, 2025



## Hosts

**Chinese Institute of Electronics World Robot Cooperation Organization** 

#### **About World Robot Conference**

The World Robot Conference (WRC) 2025, to be held in August in Beijing, China, co-hosted by the Chinese Institute of Electronics (CIE) and the World Robot Cooperation Organization (WRCO), will focus on "Artificial Intelligence + Robotics", address cutting-edge technological trends, industrial development directions, application fields, standards system development, talent cultivation, and more, and promote both international and domestic cooperation in these fields. WRC has three concurrent events, the forum, the exhibition, and the contest.

China, featuring varied scenarios and broad market potential, offers strong development momentum and growth space for robotics. Since its inception in 2015, the World Robot Conference has been successfully held for ten years, witnessing the growth of China's robotics industry from "small to large" and "large to strong." It has evolved into a global platform for "innovation leadership," "industry advancement," "organizational cohesion," and "international collaboration." The WRC 2025 hopes to join hands with all stakeholders to create a robot-themed event that brings together global wisdom, fosters development opportunities, deepens industry exchanges and writes a new chapter in the future of the robotics industry.





#### **About Visitors**

As a world-class platform for robotics industry exchange and collaboration, the World Robot Conference (WRC) has continually expanded its influence and leadership. Since its inception in 2015, the WRC has had a cumulative attendance of

# over 1.8 million

visitors, having attracted many industry professionals from a wide range of sectors in application of robotics products, including industrial manufacturing, electronics, aerospace and maritime, engineering and construction, F&B, finance, petrochemicals,

agriculture, forestry, animal husbandry and fishery, automotive and motorcycle components, biotechnology, among others.

#### **Proportion of Visitors from Different Industries**

<b>17</b> %	<b>Electronic Information</b>
<b>15</b> %	Biomedical
<b>14</b> %	<b>Industrial Manufacturing</b>
<b>12</b> %	<b>Aerospace and Marine</b>
<b>11</b> %	<b>Catering Service</b>
9%	<b>Financial and Investment</b>
9%	<b>Construction Engineering</b>
<b>5</b> %	Automobile
<b>4</b> %	Petrochemical
4%	Primary Industry





#### **About Supporters**

The World Robot Conference (WRC) has received support from more than 26 international organizations from all over the world. Presidents from International Federation of Robotics (IFR), World Federation of Engineering Organization (WFEO), IEEE Robotics and Automation Society (IEEE RAS), International Federation for the Theory of Machines and Mechanisms (IFTOMM), ASEAN Federation of Smart Industry (AI), euRobotics, Robotics Industries Association from the United States, etc., has attended the conference since the past few years.



























































#### **About Forum**

The Forum of World Robot Conference has long focused on cutting-edge academic insights, emerging technology trends, and innovative applications in robotics. Over the years, it has attracted more than 2,000 top experts and entrepreneurs from 27 countries to share the latest findings in robotics field as well as the industry. The Main Forum has brought together Turing Award winner, leaders of international organizations, and esteemed experts and entrepreneurs around the world to present new ideas, solutions, and perspectives on robotics.

The Main Forum and more than 20 Thematic Forums of WRC 2025 will center on three key themes in robotics: industry development, technological innovation, and ecosystem building. Participants will address how to strengthen international cooperation, drive industrial growth, expand real-world applications, accelerate technological integration, and improve the robotics ecosystem development.

As we step into an intelligent era featuring human-machine collaboration, cross-sector integration, co-creatin and sharing, the global robotics community needs to work closely so as to advance global economic development and prosperity, and enhance the well-being of humanity.







#### **Speakers of WRC Forum**

















### **Speakers of WRC Forum**

















#### **International Cooperation Matching Events**

Since the World Robot Conference was first held in 2015, a number of international cooperation-related matchmaking activities have been organized during the same period. Every year, the World Robot Cooperation Organization hosts an "International Forum on Sustainable Development Cooperation of Robots" during the conference. The forum invites leaders of robot-related institutions, enterprises, universities, and research institutes from around the world to jointly discuss the work related to the "United Nations Sustainable Development Goals".

Meanwhile, a rich variety of multilateral and bilateral matchmaking activities are also held during the conference. For example, there are the China-Switzerland-Sweden Robot Industry Matchmaking Activity, the China-UK Robot Technology Cooperation Matchmaking Activity, and the China-Israel Robot Industry Cooperation Matchmaking Activity, etc. These international matchmaking activities will conduct precise matchmaking based on the different needs of each country for robot technology and industrial cooperation, so as to achieve win-win cooperation.





### **International Cooperation Matching Events**















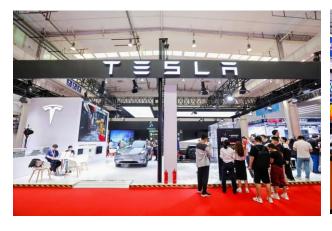


#### **About Exhibition**

The World Robot Exhibition 2025 aims to serve as a premier global platform for the exchange of robotics technology and industrial development. The total exhibition area is more than 50,000 square meters. By showcasing the latest technological achievements, it is expected to drive innovation, and accelerate real-world applications, and foster international exchange and cooperation in robotics industry. The WRE 2025 will focus on key areas, including humanoid robot development, expansion of application scenarios, breakthroughs in autonomous and controllable technologies, cutting-edge innovations, global product debuts, and international cooperation, fully demonstrating the latest advancements and future trends in the robotics industry.













### **About Exhibition**

















#### **About Contests**

The World Robot Contest (WRC) is composed of the Trials, Championship, and Finals. Since its inception in 2015, it has successfully held 10 editions, having attracted nearly 500,000 participants from over 20 countries worldwide. It is widely acclaimed as the "Olympics" of the robotics community. Since 2019, the National Natural Science Foundation of China (NSFC) has been providing guidance for the event. Since 2020, the Contest has been consistently included in the Chinese Ministry of Education's list of national competitions for primary and secondary school students. The Contest has also achieved international recognition for the results of several competition categories. Over the years, it has grown into an official professional event with extensive influence in China and beyond. Its goal is to leverage its platform advantages to stimulate technological research and development in the robotics industry, becoming a key force in the global cultivation of innovative, applied, and skilled talent.











# **Overall Program**

Aug 8	Aug 9	Aug 10	Aug 11	Aug 12		
Opening Ceremony	Thematic Forums					
Exhibition						
Contest						
Media	The	ematic Foru	ıms	Closing Ceremony		
Special Session	Ma	ntching Eve	ents			



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# 2025 10th Edition

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BEIJING, CHINA August 8-12, 2025



**WeChat of World Robot Conference** 



**Official Website of World Robot Conference**