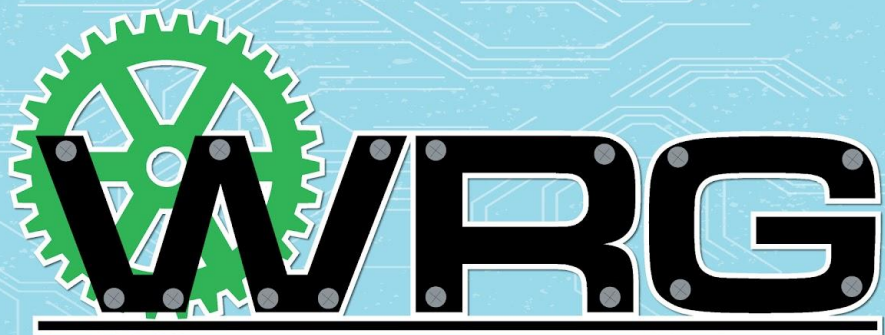




World Robot Games

► **Taipei 2023** ◀

**Robotic for Sustainable
Development Goals**

16th–18th November 2023

National Taiwan Science Education Center, Taipei
(South-Wing Exhibition Hall, 7th Floor)



THE ROBOTIC GAMES FOR EVERYONE

“

Fostering Knowledge with Science, Technology, and Education through WRG® Robot Games

พัฒนาและสร้างเสริมความรู้ด้วยวิทยาศาสตร์ เทคโนโลยี และการศึกษาผ่านเกมหุ่นยนต์ ”

WRG® Robot Games

Our Mission

“**Our** mission is to help young people develop their creativity and problem-solving skills in a fun and engaging way. We do this by organizing robotics competitions in six different robotics games for students aged 8-19 years.”

World Robot Games® Association is an independent non-profit organization. All revenue from sponsorships and fees is invested in support of our mission, which is to promote robotics in STEM education worldwide.”

ภารกิจหลักของเราคือการช่วยให้เยาวชน สามารถพัฒนาความคิดสร้างสรรค์และทักษะการแก้ปัญหา
ได้ผ่านหุ่นยนต์ Robot ผ่านการแข่งขันหุ่นยนต์ในเกมหุ่นยนต์ ซึ่งประกอบด้วย 6 ประเภทเกมที่เหมาะ
สำหรับนักเรียนอายุ 8-19 ปี และผู้ที่สนใจใน หุ่นยนต์แข่งขัน

World Robot Games® Association เราเป็นองค์กรอิสระที่ไม่
แสวงหาผลกำไร รายได้ทั้งหมดจากการสนับสนุนและ
ค่าธรรมเนียมนำไปลงทุนเพื่อสนับสนุนภารกิจของเรา ซึ่งก็คือ
การส่งเสริมวิทยาการหุ่นยนต์ในการศึกษา STEM ทั่วโลก





Our Event of This Year 2023

World Robot Games Taipei 2023 (WRG)

Theme: Robotic for Sustainable Development Goals

Date: 16 - 18 November 2023

Venue: National Taiwan Science Education Center, Taipei

Room / Hall : South-wing Exhibition Hall, 7th Floor

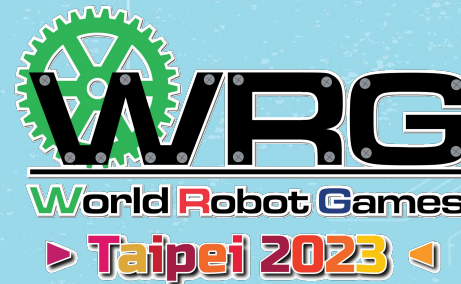


OUR SUCCESS MILESTONES

World Robot Games (WRG)



World Robot Games (WRG) 2022
THAILAND 2022



World Robot Games (WRG) 2023
TAIPEI 2023

World Robot Games (WRG) 2015
JAKARTA, INDONESIA



World Robot Games (WRG) 2016
THAILAND

World Robot Games (WRG) 2017



World Robot Games (WRG)
2018
PHILIPPINES



World Robot Games (WRG)
2019
THAILAND



World Robot Games (WRG)
2020
SINGAPORE



World Robot Games (WRG) 2021
PHILIPPINES (Online Edition)

FOR ALL THIS YEAR COMPETITOR

World Robot Games (WRG) in TAIPEI 2023



FOR OUR PARTNER World Robot Games (WRG)



INDONESIA

Contact : Yohanes kurnia
Robopark Indonesia

Pluit Village Mall 2nd floor, Pluit, Kec.
Penjaringan, Jkt Utara, Daerah Khusus
Ibukota Jakarta 14450
Tel : +62 81375631889
Email :
Commercial@sariteknologi.com



PHILIPPINES

Contact :
Data Science and Technology
Corporation, Miss. Jsephine Pnky
Legaspi

Email:
philippineroboticsteam@gmail.com



SINGAPORE

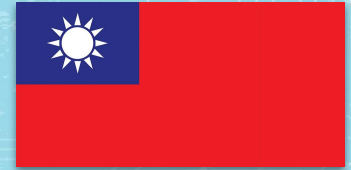
Contact :
Genexis Technologies
47 Lorong Ong Lye Singapore 536419
Tel : +65-98173531
Email : cjsng@singnet.com.sg



THAILAND

Contact :
Innovative Experiment Co., Ltd.
Mr. Chaiwat Limpornchitwilai

Email: chaiwat@inex.co.th



TAIWAN (R.O.C.)

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+886-2-2655-1200
+886-938030153

Louis Chuang / louis@v7idea.com.tw
Irene Chen / irene@v7idea.com.tw

FOR ALL THIS YEAR World Robot Games (WRG)



FOR ALL PAST World Robot Games (WRG)



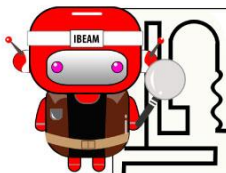
AND COUNTING MORE SUCCESS....

THROUGH the 6th Game with 22 Type in track

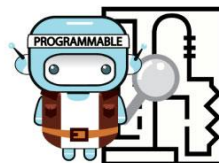


SUMO ROBOT

- Autonomous Sumo robot BASIC
- Autonomous Sumo robot
- Autonomous Sumo robot x2
- Remote Controlled Sumo robot OPEN
- Autonomous Sumo robot – FAMILY



LINE TRACING



PROGRAMMABLE
LINE TRACING ROBOT

- Junior : 10 – 14
- Senior : 15 – 19



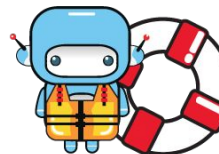
BALL FIGHTING

- Junior : 10 – 14
- Senior : 15 – 19



FOOTBALL 4X4 ROBOT

- Open : 10 – 99



RESCUE ROBOT

- STEM : 10 – 19



One Minute Game

- Hit the Ball Junior
- Hit the Ball Senior
- Move the Can Junior
- Move the Can Senior
- Shoot the Ball



INNOVATIVE ROBOT

- Junior : 10 – 14
- Senior : 15 – 19
- Incredible Machine
- Open : 10 – 99

FOR SUSTAINABLE DEVELOPMENT GOALS

Robotics for Sustainable Development Goals

Robotics is revolutionizing our approach to achieving Sustainable Development Goals (SDGs) by offering innovative solutions that are both efficient and sustainable. With their ability to automate tasks, collect data, and operate in challenging environments, robots are becoming valuable allies in our quest for a more sustainable future.

In agriculture, robots equipped with sensors and artificial intelligence are enhancing crop management, reducing waste, and promoting sustainable farming practices, thereby aligning with SDG 2 (Zero Hunger) and SDG 15 (Life on Land). These technologies are increasing food production while minimizing environmental impact.

In the realm of clean energy, robots are optimizing the production and maintenance of renewable energy sources, contributing to SDG 7 (Affordable and Clean Energy). They can perform routine inspections of solar panels or wind turbines, ensuring optimal efficiency and prolonging their lifespan.

In healthcare, robotic surgical systems are improving precision and reducing the invasiveness of procedures, thus advancing SDG 3 (Good Health and Well-being). Telemedicine robots are also expanding access to medical services in remote areas, promoting equitable healthcare access.



REGISTRATION TYPE

STANDARD PACKAGE

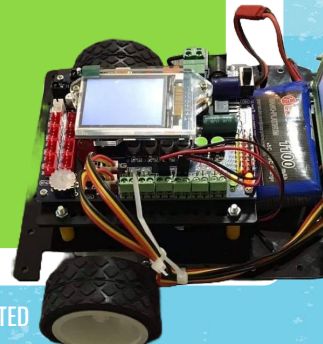
- Transportation (Taoyuan Airport transfer)
- Accommodation (Check-in on the 16th for 3 nights including Breakfast)
- Souvenirs
- Meals (covers 2 lunches and 2 dinners)
- Unlimited Games*
- Banquet Dinner (with Awards on 18th of November)

STARTER PACKAGE

- Includes all items provided in the Standard plan.
- iBeam Line Tracing Robot Kit for Official Games in WRG 2023
- Online Tutorials provided in English
- Class recording and replay
- Individual Mentor advise

PLUS PACKAGE

- Includes all items provided in the Standard plan.
- Pop32i Sumo Robot Kit for Official Games in WRG 2023
- Online Tutorials provided in English
- Class recording and replay
- Individual Mentor advise



SUPPORTED BY



INNOVATION TO INDUSTRY COMPANY LIMITED (TAIWAN)



Thailand Convention and Exhibition Bureau (Public Organization)
TBC



Robotic for Sustainable Development Goals

CONTACT INFORMATION



CONTACT INFORMATION



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081-920-9477

FAX: 0-2747-7005

MAIN CONTACT

Mr. Chaiwat Limpornchitwilai
Email: chaiwat@inex.co.th

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เลขประจำตัวผู้เสียภาษี : 0105540042483

โทรศัพท์ : 0-2747-7001 , 0-2747-7002 , 0-2747-7003 ,
0-2747-7004 หรือ 081-920-9477
โทรสาร : 0-2747-7005