

October 14th, 2020

An International
Robotics Competition
for Kids K-9!



2020
4th

Idea Contest

Winners

Thank you to all participants for supporting the Universal Robotics Challenge 2020 Idea Contest! Preliminaries for this year's contest were held in Japan, Hong Kong, Taiwan, South Korea, Australia, and Russia. After careful deliberation by our judges, the contest winners have been chosen from among the finalists!

★ Team Division Winners ★

Japan

The Nature Defenders

Yunosuke Okura, Tomoki Ohata, Takumi Matsumura

Tree-Planting Robot

<https://youtu.be/uQr-ilg5dlk>

Taiwan

FCB

Felipe Vicente Wu, Pin Chien Tseng

Light Adventurer

<https://youtu.be/r4KuZnftbAw>

★ Solo Division Winners★

Hong Kong

Sachiko Pang

ECO Separation and Compression Intelligent (ECOSECO)

<https://youtu.be/gAifhMLInOo>

South Korea

Geunoh Sung

Recycle It

<https://youtu.be/CFoDmXVIwy4>

All Finalists

■ Team Division (6 finalists)

Team	Boys Team GHS
Team Members	Mourya Dave, Hamza Al-Swaiti, Nand Desai
Country	Australia
Entry	Bushfire Extinguisher 3000
Entry Video	https://youtu.be/5V4O9Qq0vEQ

Team	LSTS Robotic Teams
Team Members	Jie Lin Huang, Cheuk Him Ng, Yuet Shuen Amber Lui
Country	Hong Kong
Entry	Smart Planting Helper
Entry Video	https://youtu.be/RzBeR0bYjhw

Team	The Nature Defenders
Team Members	Yunosuke Okura, Tomoki Ohata, Takumi Matsumura
Country	Japan
Entry	Tree-Planting Robot
Entry Video	https://youtu.be/uQr-ilg5dlk

Team	Team LeeKim
Team Members	Taehun Lee, Hyeonwoong Kim
Country	South Korea
Entry	Ocean Waste Pick Up Robot
Entry Video	https://youtu.be/2bVFvKNZ6dl

Team	Lyceum
Team Members	Andrey Dobrinski, Arseniy Penkove, Lev Kramarenko
Country	Russia
Entry	Garbage Remover
Entry Video	https://youtu.be/LVK5DxeJkJs , https://youtu.be/WDQKAUzbdFE

Team	FCB
Team Members	Felipe Vicente Wu, Pin Chien Tseng
Country	Taiwan
Entry	Light Adventurer
Entry Video	https://youtu.be/r4KuZnftbAw

■ Solo Division (4 finalists)

Name	Sachiko Pang
Country	Hong Kong
Entry	ECO Separation and Compression Intelligent (ECOSECO)
Entry Video	https://youtu.be/gAifhMLInOo

Name	Yuta Sasanuma
Country	Japan
Entry	The Plant Protector
Entry Video	https://youtu.be/9CPtMOFamng

Name	Geunoh Sung
Country	Korea
Entry	Recycle It
Entry Video	https://youtu.be/CFoDmXVIwy4

Name	Hong Jin Ryan Chen
Country	Taiwan
Entry	Typhoon Protector!
Entry Video	https://youtu.be/KzIzw9Y3-V0

All Entrants (Japan Preliminaries)

■ Solo Division

Total Entrants: 40

Name	Entry	Entry Video
Shuhei Okuta	Endangered Species Protection Robot	https://youtu.be/6FilnPJ_fQw
Issei Nakanishi	Automatic Watering Robot	https://youtu.be/kmerMDSw5Yc
Souta Hashiura	Hands-Free Disinfectant Dispenser	https://youtu.be/jltRUy0vLj0
Ayumu Itahashi	Bird-Protecting Nestbox Robot	https://youtu.be/ziI3L7Sox0I
Ryusei Mori	Stop Global Warming!	https://youtu.be/0ofvjlnr4f4
Kentarou Sanada	Cleanbot the Traveling Trash-Collector	https://youtu.be/P-CRn4uwnPM
Ayuto Nakai	Light-Adjusting Robot	https://youtu.be/HRbkzXj2BHM
Yamato Ikegami	Forest-Explorer Type N800S	https://youtu.be/D1Lu0kY8MP0
Mato Iwata	Automatic Watering Robot	https://youtu.be/tTm9dZ76lz0
Yuki Murata	Power-Off Reminder Robot	https://youtu.be/xlt-rfSrCa8
Shuta Mishina	Automatic Seed-Sowing Robot	https://youtu.be/c2MXAst51yQ
Takumi Katsube	Automatic Logger	https://youtu.be/4h3McI9802Y
Akito Uchihori	Robot Garbage Truck	https://youtu.be/NuB0mz1x3vs
Ryosuke Matsushita	Robo-Plough	https://youtu.be/1IQrn1m0WOs
Hayato Nakagawa	Wateringbot	https://youtu.be/FovhXuHNhdl
Yusei Takeuchi	Automatic Garbage Truck	https://youtu.be/tu6gs9nvK1c
Tomohito Saitou	The Guardian Sunflower	https://youtu.be/xQcZjBIPUsg
Kaito Nakazaki	Fighting Beetle Robot	https://youtu.be/xSC94cuuTes
Kazu Watanabe	Seed-Sowing Robot	https://youtu.be/Tgv0729Ze3c
Yuki Wada	Anti-Litter Defensebot	https://youtu.be/KNACbDuYmck
Shiori Eihara	Fever Detector Button Presser	https://youtu.be/RpfemXc-iIY
Hinata Sakurai	Power On Alert Robot	https://youtu.be/ZUMwstZpqBY
Kuga Iwata	Sea Turtle Saver Gatebot	https://youtu.be/uqNYKOGlXI4
Hideyuki Takano	Grocery Eco-Bagging Robot	https://youtu.be/cl7n3k6gR-4
Mizuki Fukuyama	Pick-Up-and-Sort Robot	https://youtu.be/e3ITWVccviA
Yui Oguro	Watering Robot	https://youtu.be/4wQnVJPYTSo

Daichi Okino	Trashfinder Robot	https://youtu.be/W2_kTbqzC0E
Hayato Suenobu	Auto-Open/Close Robot	https://youtu.be/Z3ynDuY2uRA
Ukyou Takeshima	Ocean Anti-Pollution Robot	https://youtu.be/MlrKYLqatnE
Satoshi Kida	The Sea Cleaner	https://youtu.be/V5Q6ABBXVS4
Akira Hashimoto	Fish Sorter	https://youtu.be/wZiopJ_qaj8
Tadanari Wakou	Aquatic Robo Trash-Hunter	https://youtu.be/Q3eYEh9LSxU
Fuma Nakajima	Sticky Garbage Collector	https://youtu.be/LbXo4_AwVSE
Souichirou Arai	Trash Disposal Robot	https://youtu.be/PIU4W1Ttn1c
Ayumu Takahashi	Running Water Alert Robot	https://youtu.be/8fEUYrdl0_s
Rin Ohta	Anti-Litter Omikuji Robot	https://youtu.be/-eNiTbW6rP0
Yuna Takase	Trash-Detector Robot	https://youtu.be/_kWOCGYAG7s
Ayano Naitou	Trash Pickupbot	https://youtu.be/A_IVe6l_NNE
Yuta Sasanuma	The Plant Protector	https://youtu.be/9CPtMOFamng
Hiro Onodera	The Immovable Advisor	https://youtu.be/OYnicUDARCs

■ Team Division

Total Entrants: 18 teams

Team	Entry	Entry Video
The Nature Defenders	Tree-Planting Robot	https://youtu.be/uQr-ilg5dlk
Yuyu PC Minato: Kazuma & Junya	Nature and Animal Protection Gate	https://youtu.be/KTiEizTAH_c
with you	Hinomaru Plastic Trash Pickup	https://youtu.be/3e7hXieUm-A
K.M	Sowing Seeds Robo	https://youtu.be/82YDV3l3_hc
Ishikawabashi Mononoshikumi Class	The HamuHamu 9-2	https://youtu.be/4sffLbFhhP8
Yuyu PC Minato Friends	Automatic Marine Garbage Collector	https://youtu.be/5U_YnvWyMV8
Slash	Flexible Watering Robot	https://youtu.be/LnHqsiLNHaY
3-ningumi Kamo	Seed-Sowing, Trash-Collecting Robot	https://youtu.be/WXUYpHRgueE
T.D Kyoudai	Garbage Sorter	https://youtu.be/wdg2xMfqcWY

Artec Junior	The Forest Protector	https://youtu.be/qYuFnnEKD_s
Burger Tomato Kami Brothers	Can Collector Robot	https://youtu.be/FCGWX3Ko4vk
Onigirimaru	Cat Repeller Robot	https://youtu.be/jCIQvT5HLxg
Nekoze no Kinniku JP	Animal Repeller	https://youtu.be/TRrokJKO9TI
MTK2	The MTK2 Press	https://youtu.be/BjYbOw_JHfs
TEPPEN	Garbage Collection Robot	https://youtu.be/vnYLD-k14sk
Kame Hogo Team	Turtle Protection Gate	https://youtu.be/5L23_esH5j8
RoboPro ATM	Aluminum Can Press	https://youtu.be/-2bmYiNdCtY
Takoyaki Samba	Garbage Pick-Up Elephants	https://youtu.be/riEPULaL7cc

Idea Contest Judges

Taizo Hayama	Nara University of Education Junior High School	Teacher
Akira Inoue	Osaka Institute of Technology	Professor (Faculty of Robotics and Design, Department of System Design)
Maki Ohta	Kuki City Board of Education	Head of Educational Advisory Board Teacher Supervisor
Motoi Nakao	Kyushu Institute of Technology	Professor (School of Engineering, Department of Basic Sciences)
Hirofumi Niimi	College of Industrial Technology	Professor (Department of Mechanical Engineering)
Takayoshi Ohtsu	Numazu College of Technology	Professor (Electrical and Electronics Engineering)
John Watson	East Hills Boys High School	Head Teacher of Teaching and Learning
Pang Ho Fung	Hong Kong and Kowloon Kaifong Women's Association Sun Fong Chung College	Teacher (Design & Technology)
Kiseok Kim	D.LAB Inc.	Teacher / Creative Maker
Pavel Marchenko	Phystech Lyceum	Technology Teacher (Grades 5 and 6)
Yuki Lo	Shih Chien University	Assistant Professor (Department of Business Administration) Dean of Continuing Education Center Director of Innovation Incubation Center
Jun Sakurai	Universal Robotics Challenge 2020	Executive Committee Chair
Tetsuya Komatsu	Universal Robotics Challenge 2020	Executive Committee Member
Daichi Hamada	Universal Robotics Challenge 2020	Executive Committee Member
Ayako Ishimuro	Universal Robotics Challenge 2020	Executive Committee Member
Airi Uematsu	Universal Robotics Challenge 2020	Executive Committee Member