

Tan Kah Kee Young Inventors' Award Ceremony 2023

30 SEP 2023
SATURDAY
PROGRAMME



GUEST-OF-HONOUR:
Mr Chee Hong Tat

Acting Minister, Ministry of Transport
Senior Minister of State, Ministry of Finance



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Organised by



陳嘉庚基金會

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SINGAPORE

Programme Flow

Time	Description
9:45 AM	Arrival of GOH Welcome Party: Mr Lawrence Tan Han Tong, Chairman, TKKF Mr Chua Seng Chong, Immediate Past Chairman, TKKF Dr Lee Song Choon, Director, Science Centre Board Prof Kwek Leong Chuan, TKKYIA Chairman
10:00AM	Opening Remarks & Welcome Address - Prof Kwek Leong Chuan Chairman for Young Inventors' Award, Honorary Treasurer for Tan Kah Kee Foundation
10:05AM	Introduction of GOH Keynote Address - Guest of Honour, Mr Chee Hong Tat Acting Minister, Ministry of Transport Senior Minister of State, Ministry of Finance
10:20AM	Presentation of Young Inventors' Award to Merit & Commendation Awardees Mr Chee Hong Tat, Guest of Honour
10:40AM	Presentation of Young Inventors' Award to Encouragement & Judges' Award Awardees Prof Kwek Leong Chuan, Chairman for Young Inventors' Award
11:00AM	Presentation of Young Inventors' School Awards Mr Lawrence Tan Han Tong, Chairman for Tan Kah Kee Foundation
11:10AM	Launch of Virtual Exhibition Mr Lawrence Tan Han Tong, Chairman for Tan Kah Kee Foundation Mr Chee Hong Tat, Guest of Honour Prof Kwek Leong Chuan, Chairman Tan Kah Kee Young Inventors' Award Dr Lee Song Choon, Director, Science Centre Board TKKF Committee Members, TKKYIA Committee Members, TKKYIA Judges
11:20AM	End of Award Ceremony Tour of Physical Exhibition (Merit & Commendation Awardees) Mr Chee Hong Tat, Guest of Honour Prof Kwek Leong Chuan, Chief Judge for Young Inventors' Award Mr Lawrence Tan Han Tong, Chairman for Tan Kah Kee Foundation Dr Lee Song Choon, Director, Science Centre Board Mr Chua Seng Chong, Immediate Past Chairman for Tan Kah Kee Foundation

TAN KAH KEE
YOUNG INVENTORS' AWARD 2023

VIRTUAL EXHIBITION

Vote for your favourite inventions!

- 1 Scan the QR code to **register** an account.
- 2 Click on **<Voting>** to view the Virtual Exhibition.
- 3 Pick your **5** favourite inventions and leave a vote!
- 4 Complete the feedback form (**link** can be found on the exhibition page).
- 5 You are now eligible for the **Lucky Draw!**
- 6 Voting ends on **14 Oct 2023**, 2359 hours.



List of Awardees (Junior)

NO.	ENTRY NAME	SCHOOL	TEAM MEMBERS	AWARD
1	Light up knee guards	St. Hilda's Primary School	Lai Zhien Huang Yi Bang Rylan Shawn Miane	Merit
2	Eldearly	Nanyang Primary School	Su Nuo'en Jaime	Merit
3	Ping Pong Ball Collector Robot	Opera Estate Primary School / Nullspace Robotics	Sherene Yung	Merit
4	Ezyfeed	Tao Nan School	Kendrick Ang	Merit
5	Mobile Liftmate	Methodist Girls' School (Primary)	Yong Ximin Iris Yong Xin Lin Phoebe	Commendation
6	The SolaRain	Nan Hua Primary School	Ooi Yi Kai Xu Yaojia	Commendation
7	Spill No More	Catholic High School (Primary Section)	Tay Jie Hong	Commendation
8	Strap and Move!	Qihua Primary School	Bryan Hong Tuck On Muhammad Izzat Bin Suratman Mohamed Khalish Zahran Bin Mohamed Khalid	Commendation
9	Smarty Sweeper	Self	Lo Ian Ee, Eleos Lo Heem Yee, Shawna	Commendation

List of Awardees (Junior)

NO.	ENTRY NAME	SCHOOL	TEAM MEMBERS	AWARD
11	Relief Shoes	Self	Eio En Xuan Elizabeth	Encouragement
12	Port-Lock	Self	Benjamin Ng Yong Rui Julian Tay Samuel Chong	Encouragement
13	uSave [Project KIM]	Anglo-Chinese School (Primary)	Sun Kaihong Sun Mingyuan Yu Yan Feng, Isaiah Paul	Encouragement
14	Hold-It-Steady	Catholic High School (Primary Section)	Adalbert Colin Tan	Encouragement
15	Better urine collection system	Anglo-Chinese School (Primary)	Peh Zhen Le	Encouragement
16	Smart and Scalable Recycling Bin	Nanyang Primary School	Yao Ziliang Jeremiah	Encouragement
17	Palette	Self	Cha Jia En	Encouragement
18	Sheltered Bus with care	Innova Primary School	Ethan Cai Yuheng	Encouragement

List of Awardees (Student)

NO.	ENTRY NAME	SCHOOL	TEAM MEMBERS	AWARD
1	Freeway Pants	Raffles Girls' School (Secondary)	Muse Goh Ga Un Yeo Pey Wenn	Merit
2	Switch-It	Bedok South Secondary School	Tammy Lim Yu Han Kieren Yap Yu Hong Sophia Mei Yin	Merit
3	E-Scoliometer	Anglo-Chinese School (Independent) (Secondary)	Low Wern Jae Zach Arkin Talukdar Shen Jia Rui	Merit
4	WriteRight	River Valley High School (Secondary)	Alvin Tan Zhi Qian Grace Tan En-Yu Tai Jing Han	Commendation
5	Hair do-do	River Valley High School (Secondary)	Wang Shihan Anaïs Ensi Marmonier	Commendation
6	All-in-One buffet plate	River Valley High School (Secondary)	Teng Yan Wen Hon Zi En Chloe Precious Soh En Xuan	Commendation
7	Eye Can Measure	Raffles Girls' School (Secondary)	Shaikh Muskan Sarah Jane Kesavan	Commendation
8	Coolest Cooler	Nan Chiau High School	Zhu Jingqi Ren Xiaoyao Cheng Jun Wei	Encouragement
9	Tolsiel	River Valley High School (Secondary)	Chye Ler Yen Gao Xikun Winston Charles Ng Jun Siang	Encouragement
10	Quavercool	River Valley High School (Secondary)	Koh Rui Zhi, Ally Lai Ying Ying Tan Chee Han, Asher	Encouragement

List of Awardees (Student)

NO.	ENTRY NAME	SCHOOL	TEAM MEMBERS	AWARD
11	Sitfit	Hwa Chong Institution (Secondary)	Choo Han Hee Jonas Breyen Lin Junle Lee Shao Qi	Encouragement
12	in-the-moment	Raffles Girls' School (Secondary)	Clarisse Lim Eunice Koh	Encouragement
13	Coolie	Hwa Chong Institution (Secondary)	Seah Yuheng Koh Jin Rui, Zeaus	Encouragement
14	Voxify	Others (Whyte Labs)	Taku Matsumura	Encouragement
15	Mask Wearing Aid	River Valley High School (Secondary)	Dai Weitao He Yan	Encouragement
16	Left	River Valley High School (Secondary)	Angel Chew Si Ning	Encouragement
17	Creating a sustainable and nutritious food preservative using eggshells and mango seeds	Anglo-Chinese School (Independent) (Secondary)	Tan Yong Le Timothy Jonathan Chan Jian Yao Elliott Elijah Yeo Shao Ern	Encouragement
18	X Drive Wheelchair	Anglo-Chinese School (Independent) (Secondary)	Shen Yu Xuan Aden Ethan Teo Cher Wie Tan Wei Zheng	Encouragement
19	rHain 2o	Bedok South Secondary School	Yap Bao Rui Gabrielle Angelica Pereira	Encouragement
20	Evolving Barrier	Hwa Chong Institution (Secondary)	Chan Yee Yong Tan Jun Jie Xavier Sim Shuan Luck	Judges' Award

List of Awardees (Senior Student)

NO.	ENTRY NAME	SCHOOL	TEAM MEMBERS	AWARD
1	Smart Vision	Institute of Technical Education – College Central	Lim Wei En Cybele Kikuno Ryusei Danny Nurul Huda Binte Rosli	Merit
2	Real-Time Privacy Preserving Human Activity Recognition Mobile Application based on Pose Classification	Temasek Junior College	Ishneet Sukhvinder Singh Peter Gregory Hosler IV Kaza Pradyoth	Commendation
3	Virtual Physio	Institute of Technical Education – College West	Rayner Chua Yi Xuan Caroline Goh Qian Hui	Commendation
4	Intelligent System To Prevent Contamination Of Recyclables	Hwa Chong Institution (Junior College)	Tee Ren Jie Ye Rongyang Zhang Yezhou	Commendation
5	ReNewRinse	River Valley High School (Junior College)	Sun Changjun Chou Sen Ming, Theodore Yan Xinkai	Commendation
6	MAPLE	Institute of Technical Education – College East	Lew Zhan Qi, Ethann Joseph Leow Chen En Umairah, Fatin Binte Mohamad Bahrain	Commendation

List of Awardees (Open)

NO.	ENTRY NAME	SCHOOL	TEAM MEMBERS	AWARD
1	Zipper Guitar Strap	Self	Crishan Kenneth Lansakara	Judges' Award

List of School Awards

NO.	SCHOOL	PLACEMENT
1	River Valley High School (Secondary)	1st Prize
2	Anglo-Chinese School (Independent)	2nd Prize
3	Institute of Technical Education - College Central	3rd Prize
4	Woodlands Ring Secondary School	School with most no. of submitted entries

List of Judges

NO.	NAME	JOB DESIGNATION	ORGANIZATION
1	Wu Yan	Deputy Head of Department	A*STAR IIR
2	Ren Ee Chee	Principal Investigator; Assoc Prof	A*STAR; NUS
3	Tang Kin Chong Ben	Chief Technical Officer	Drop Positioning Systems Pte. Ltd.
4	Tham Jo Yew	CEO	ESP xMedia Pte. Ltd.
5	Ser Jin	Director of Engineering	Hashstacs Pte Ltd
6	Hui Wing Feh	Director	Kurve Automation Pte. Ltd
7	Lee Lin Yee	Director	MOE
8	Chia Soo Chin	Lead Specialist / D&T Education	MOE
9	John Ngau	Deputy Director Applied Sciences	MOE
10	Cheong Kim Fatt	Lead Specialist	MOE
11	Lim Poh Seng	NA	Retired (MOE)
12	Liew Poh Yin	Lead Specialist	MOE
13	Kim Tean Ng	Chairman	Nanyang Law LLC
14	Tricia Dang	Deputy GM	Nanyang Law LLC
15	Jason Tan SC	Senior Lecturer	NIE/NTU
16	Tai Kang	Associate Professor	NTU
17	Wong Limsoon	Professor	NUS
18	Tay Cho Jui	Lecturer	NUS
19	Roland Yap	Associate Professor	NUS
20	Li Haizhou	Prof Assoc Dean	NUS/Chinese U HK

List of Judges

NO.	NAME	JOB DESIGNATION	ORGANIZATION
21	Kwek Leong Chuan	Principal Investigator and Professor	NIE, NTU and NUS
22	Marcelo H Ang Jr	Professor	NUS
23	Low Boon Chuan	Deputy Head of Department and Associate Dean	NUS
24	Roderick Chia	Chief Strategy Officer/CTO	Oyika Pte Ltd
25	Kamaria binte Abdul Ghani	Advisor	Science Centre Singapore
26	Lee Song Choon	Director	Science Centre Singapore
27	Tit Meng Lim	Chief Executive	Science Centre Singapore
28	Lee Thiam Huat Andy	Assistant Professor	SIT
29	Eicher Low	Associate Professor	SIT
30	Meredith Yeung Tsz Ling	Associate Professor	SIT
31	Goh Lik Kok	Executive Vice President	STIE Pte Ltd
32	Henry Chang	Director	Stride System Consultancy
33	Cha Cher Liang	Senior Manager	Temasek Polytechnic
34	Richard Lim C N	Product Design Consultant	TEPPL
35	Ang Chye Thiam, Herbert	Used Equipment Manager	Tractor Singapore Ltd.
36	Yip Teck Hong	Lecturer	Ngee Ann Polytechnic

List of YIA Committee Members



Dr Kwek Leong Chuan
Associate Professor
NIE, NTU and NUS



Dr Lim Tit Meng
Chief Executive
Science Centre Singapore



Dr Lee Song Choon
Director
Science Centre Singapore



Ms Lee Lin Yee
Director
MOE

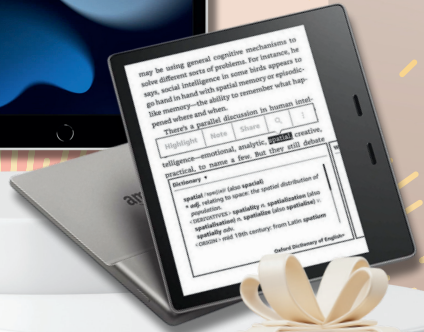


Prof Wong Lim Soon
Professor
NUS



Prof Li Haizhou
Prof Assoc Dean
NUS/Chinese U HK

Lucky Draw



ACKNOWLEDGEMENT

Guest-Of-Honour

Mr Chee Hong Tat, Acting Minister, Ministry of Transport;
Senior Minister of State, Ministry of Finance

Tan Kah Kee Foundation
TKKYIA Committee
TKKYIA Judges
Science Centre Singapore
Ministry of Education
A*STAR
Jupiter Innovations Pte Ltd
River Valley High School
Staff of Tan Kah Kee Foundation