



Bright
Future
Cup

The Grand Finale
CUM
Engineering Carnival

8th July 2023 (Sat)

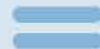
EDB STEM
Education Centre
教育中心



香港科技大學
THE HONG KONG UNIVERSITY OF
SCIENCE AND TECHNOLOGY



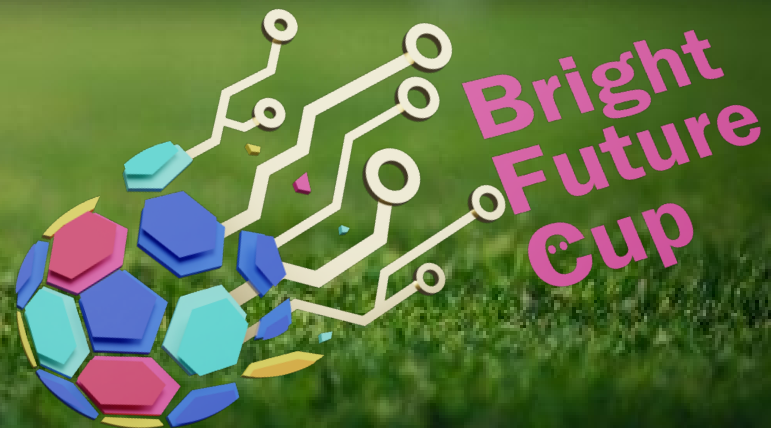
ACADEMY FOR BRIGHT
FUTURE YOUNG ENGINEERS
聯程青年工程師學院



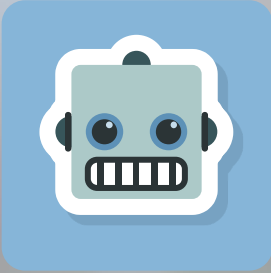


Bright
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The Grand Finale 



The Bright Future Cup is a signature robot design competition organized by the Academy for Bright Future Young Engineer, HKUST and the Art and Technology Education Centre, HKSAR. The competition composed of two sessions:-



Soccer Robot Design Competition

S1-S5 students
Robot Design &
Control Interface Design

34 Schools



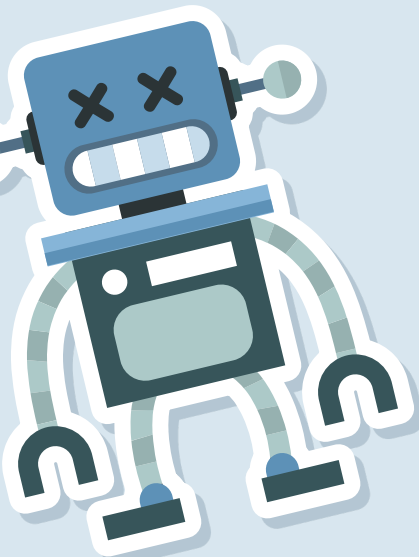
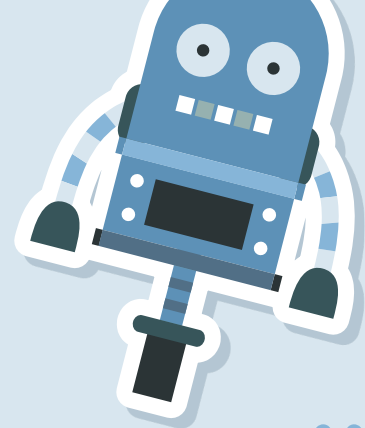
Robot Uniform Design Competition

P5-P6 students
Robot Skin Design

18 Schools

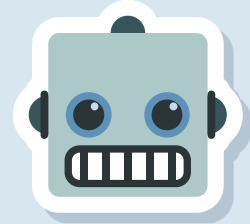
8th July 2023 (Sat)

Time	Center Court 01	Center Court 02	Championship Court 03	Championship Court 04	Championship Court 05	Championship Court 06	Remarks
0830-0900	Registration (Name Plate and T-shirt distribution)						
0900-0920	Round of 16 (1)	Round of 16 (2)	Primary School Match	Candy Catcher	NO Penalty Kick	UST Maze	Atrium/SSC Hub
0930-0950	Round of 16 (3)	Round of 16 (4)	Primary School Match	Candy Catcher	NO Penalty Kick	UST Maze	Atrium/SSC Hub
1000-1020	Round of 16 (5)	Round of 16 (6)	Primary School Match	Candy Catcher	NO Penalty Kick	UST Maze	Atrium/SSC Hub
1030-1050	Round of 16 (7)	Round of 16 (8)	Primary School Match	Candy Catcher	NO Penalty Kick	UST Maze	Atrium/SSC Hub
1100-1120	Quarter-finals	Quarter-finals	Primary School Match	Candy Catcher	NO Penalty Kick	UST Maze	Atrium/SSC Hub
1130-1150	Quarter-finals	Quarter-finals	Primary School Match	Candy Catcher	NO Penalty Kick	UST Maze	Atrium/SSC Hub
1200-1330	Lunch Break		Uniform Design Competition Registration		NO Penalty Kick	UST Maze	Atrium/SSC Hub
1330-1350	Semi-finals		Uniform Design Competition	Uniform Design Competition	NO Penalty Kick	UST Maze	Atrium/SSC Hub
1400-1420	Semi-finals		Uniform Design Competition	Uniform Design Competition	NO Penalty Kick	UST Maze	Atrium/SSC Hub
1420-1440	Live Drone Tour/ Uniform Design Showcase						SSC Hub
1440-1500	Group Photo						Center Court 01
1500-1530	Grand Final						Center Court 01
1530-1545	Award Ceremony Registration						LTB
1545-1640	Award Ceremony						LTB

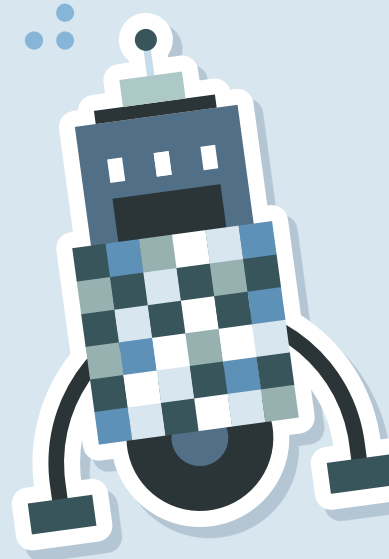


Time	
15:30-15:45	VIP Guest Registration
15:45-15:50	MC introduction and Event Highlight Video
15:50-15:55	GoH (HKUST) Welcoming Speech
15:55-16:00	GoH (EdB) Speech
16:00-16:05	GoH (ABFYE) Speech
16:05-16:10	The 5 years plan of the Bright Future Cup – Ben Y B CHAN
16:10-16:40	Awards Announcement
16:40	Closing

- ◆ The Bright Future Cup Winner
- ◆ The First Runner Up
- ◆ The Second Runner Up X 2
- ◆ The Quarter Finalists X 4
- ◆ The finalists (round of 16) X 8
- ◆ Fair Play Trophy (Teamwork Award)
- ◆ Outstanding Engineering Design Award
- ◆ All-star Team Member X 4
- ◆ Golden Boot
- ◆ Final MVP
- ◆ Uniform Design Gold Award
- ◆ Uniform Design Silver Award
- ◆ Uniform Design Bronze Award
- ◆ Uniform Design Achievement Award



Award Ceremony



Engineering Carnival

8th July 2023 (Sat)



Keynote Seminar

Prof. Yu-Hsing WANG 王幼行

PhD in Civil Engineering

The Georgia Institute of Technology, 2001

**Associate Dean of Engineering
(Undergraduate Studies)**

**Professor, Department of Civil and
Environmental Engineering**



**NO
REGISTRATION
REQUIRED**



LIVE! Drone Tour

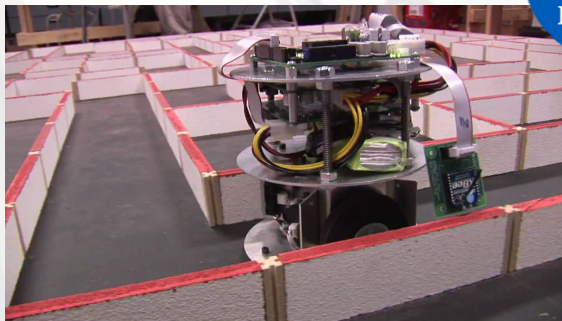


NO
REGISTRATION
REQUIRED



UST Maze

Run! Find the exit in the shortest time and put your name on the leader's board



NO
REGISTRATION
REQUIRED



NO
REGISTRATION
REQUIRED

3 on 3 Match

Form a team and play a soccer robot match!

Candy Catcher

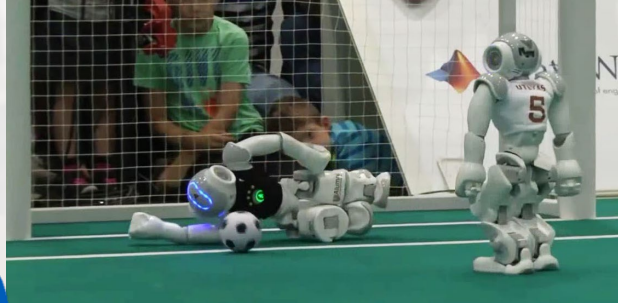
Use a soccer robot to collect as many candies as possible and bring them home



NO
REGISTRATION
REQUIRED

NO Penalty Kick

Use the soccer robot to kick the ball into the goal and get a price ... no penalty even if you fail.



NO
REGISTRATION
REQUIRED

Food = Chemistry?

Use chemical engineering principles to make tasty food.



**REGISTER
NOW**



Digital Education Show

Metaverse, VR, Gaming are obstacles in learning? This workshop conducted in the mixed reality teaching lab will showcase how digital media can be use in education to enhance learning

**REGISTER
NOW**

Drone Training

Learn the latest technologies in the UAV industry and fly a drone in UST



REGISTER

NOW



Laser Cutting Workshop

Design and bring home your own HKUST souvenir using laser cutters and 3D printer in our Makerspace.

REGISTER

NOW

Maker's Tour

This tour will bring you to the student's "secret bases" and take a look at their works. (USEL Lab, ISD Works! The Base)



REGISTER

NOW

REGISTER

NOW



Sustainable Smart Campus as a Living Lab (SSC) Tour

Take a look at how the campus itself is a platform for learning, experimenting, and showcasing new ideas and approaches.

Campus Tour

HKUST students will take you to have a tour around one of the most beautiful campuses in the world.

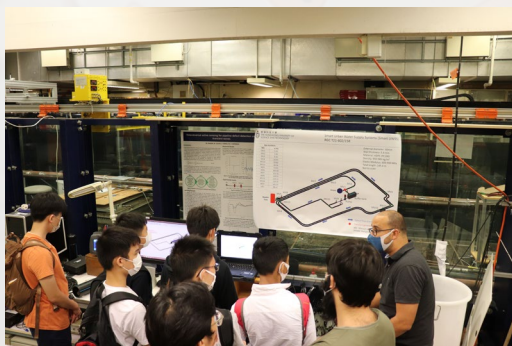


REGISTER

NOW

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Engineering Lab Visit

Go deep into the base for innovation and technological advancement!



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Time	LTB	Lab Visits	Lab Visits	Campus Tour	Workshops	Workshops	Remarks
0830-0900	Registration (Name Plate and T-shirt distribution)						
0900-0930		Makers Tour 1		Campus Tour 1	Food = Chemistry? 1	Drone Training	
0930-1000					Food = Chemistry? 1	Drone Training	
1000-1030		Engineering Lab Visit 1	SSC Lab Tour 1				
1030-1100	Digital Education Show						
1100-1130	Digital Education Show	Makers Tour 2		Campus Tour 2		Live Drone Tour 1	
1130-1200	Keynote Seminar						
1200-1230	Keynote Seminar	Engineering Lab Visit 2	SSC Lab Tour 2				
1230-1300							
1300-1330					Food = Chemistry? 2	Laser Cutting	
1330-1400		Makers Tour 3		Campus Tour 3	Food = Chemistry? 2	Laser Cutting	
1400-1420							
1420-1440	Uniform Design Showcase / Live Drone Tour 2						SSC Hub
1440-1500	Group Photo						Center Court 01
1500-1530	Grand Final						Center Court 01
1530-1545	Award Ceremony Registration						LTB
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