



CALL FOR PARTICIPATION



The CUHK-SenseTime Secondary School Students AI Competition 2019

“ASPECTS OF AI ● AI面面觀”

Artificial intelligence (AI) is the technology that uses machine intelligence to simulate human intelligence in performing tasks and solving problems. Application areas of AI include visual perception, speech recognition, decision-making, machine translation, self-driving cars, and more. The technology has broad implications as a disruptive force that is reshaping the world and changing the ways we live and work in the future.

As an effort to encourage the exploration of scientific and technological innovation focusing on AI, and the sharing of AI knowledge and experience among secondary school students, CUHK and SenseTime Group Ltd are happy to announce the joint organization of “The CUHK-SenseTime Secondary School Students AI Competition 2019” to be held in the April-May 2019. The event is open and free for all secondary schools in Hong Kong and Macao to join, and serves to provide an opportunity for our young generation of students to present and share their works related to the learning and applications of AI technology.

With this Call For Participation, we cordially invite all schools that are interested to send their teams to compete in the event. Details of the Competition are given as follow:

1) Competition Theme

Aspects of AI ● AI面面觀

2) Competition Co-Organizers:

- Faculty of Engineering, CUHK
- SenseTime Group Ltd

Supporting Unit:

- Centre for Learning Sciences and Technologies, CUHK



3) Team Composition

- A school can field multiple teams to participate in the Competition, with a quota of not more than 3 teams.
- The number of students in a team should not exceed 5. Each team should be led by a school teacher.
- A team can be made up of students from different schools. In this case, the names of the schools involved should be filled in during the Team Registration, and there should be only one supervising school teacher for the team.
- An inter-school team will count towards the quota of all the schools involved.
- A student can participate in no more than 2 teams.

3) Rounds of Competition

- Initial Round: Each team will submit a written project report for the Initial Round. The template of the project report can be downloaded from our website. The report will be evaluated by a Judging Panel based on the general criteria provided below. The Judging Panel will select a list of school teams to participate in the Final Round.
- Final Round: Teams that make the Final Round will be judged by a process that includes on-site project presentations and Q&A from the Judging Panel. The venue of the Final Round will be in the CUHK campus.

5) Project Content

Topics of the project reports can be wide-ranging. They can be on existing or new applications of AI, or explaining how AI works, or showing the possible adverse effects of AI, or predicting how AI is going to affect future society. The project can be a theoretical study, or a simulation, or an actual demonstration. The Competition particularly welcome innovative ideas and fresh perspectives on viewing and understanding the current form of AI technology.

6) The Judging Panel and Judging Criteria

- A Judging Panel will be formed composing of researchers and industrial experts with AI experience from CUHK and SenseTime.
- Project reports will be evaluated according to the following factors: project objectives; incorporation of AI technology; project execution and solution approach; project outcomes; and display/demonstration, if any.

7) Recognition and Reward

The top performers of the Competition will be presented with certificates recognizing their performances, and also the following rewards:

- Cash Prize:
The First Prize Team – HKD5,000

Second Prize Team(s) – HKD3,000
Third Prize Team(s) – HKD2,000

- Counseling Program: The First Prize Team will also receive continuous guidance and support from senior researchers of SenseTime in the year after the Competition. The assistance and counseling programs is aimed at helping the students to compete in national or world-class competitions.
- Project Internship: Members in the First Prize Team and Second Prize Team(s) will have the opportunity to visit SenseTime and collaborating universities for internship or summer vacation.

8) Registration and Submission

A School Team needs to register for the Competition first, and then submit its Project Report for the Initial Round by the deadline (April 5, 2019), through the Competition website:

<http://cuhk-sensetime-ai.erg.cuhk.edu.hk/>

The template of the Project Report can also be downloaded from the website. The event is free for all secondary schools in Hong Kong and Macao to join.

9) Important Dates

Team Registration Deadline	April 5, 2019
Initial Round: Project Report Submission Deadline	April 27, 2019
Announcement of the Finalist Teams	May 4, 2019
Final Round: Project Presentation and Q&A at CUHK Campus	May 11, 2019

10) Contact Information

Faculty of Engineering
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