Official Call for Participation

The 2nd International Artificial Intelligence Fair (IAIF)

I. Introduction to Sponsor and Organizer:

The second International Artificial Intelligence Fair is sponsored by the Global AI Academic Alliance (GAIAA), which was founded at the 2018 World AI Conference in Shanghai, China. The founding members include MIT, University of Sydney, Nanyang Technological University, Chinese University of Hong Kong, Tsinghua University, Zhejiang University, University of Science and Technology of China, Beijing University of Aeronautics and Astronautics, Fudan University, Harbin Engineering Industrial University, Shanghai Jiaotong University, Shanghai University, Shanghai University of Science and Technology, Tongji University, Xi'an Jiaotong University, SenseTime Group, and other world renown universities and scientific research institutions. The Alliance aims to build and continue to promote the world's top AI academic exchange and collaboration platform. In addition, the Academic Alliance will engage public policy makers and the public in important issues, accelerate the industrialization of artificial intelligence technology, and strive to improve the public awareness and understanding of artificial intelligence. It brings together universities, research institutions, enterprises, experts and scholars in the field of global artificial intelligence to gather the world's "strongest brains" to jointly advance the rapid and sustainable development of artificial intelligence technology.

As a key founding member of the Alliance, SenseTime Group created a global leading artificial intelligence education platform, and is committed to contributing to the global development of AI, to help build an AI academic exchange platform, to assist in industry research cooperation, to provide industry benchmarks, and to identify and develop AI talents. The development of college AI education is inseparable from the AI education at primary and secondary school levels to build the foundation and nurture creative thinking at an early stage. The quality of primary and secondary AI education is an important factor leading to the further education of AI in colleges. SenseTime is the organizer of 2020 IAIF.

IAIF Registration Q&A: Dr. Chen (info@hielites.com，CC: hding@hielites.com)

II. Introduction to IAIF

1. Background

The human society is on the brink of a technological revolution, and Artificial Intelligence is at the core of the Fourth Industrial Revolution and every economic growth, which will fundamentally alter the way we live, study and work. With the advancement in technology, Artificial AI technologies enable machines to sense, comprehend and act and even learn things to facilitate human activities. AI touches every aspect of our lives, from the way we receive education and health care, the way we grow or eat our food to the way that energy is extracted, artwork is created etc.

In March 2019, in collaboration with a number of well-known universities and institutions, GAIAA successfully hosted the first International Artificial Intelligence Fair for youth. A total of 114 projects, and over 500 students from 6 countries participated in the competition, with a total of 43 projects selected for the final on-site display and evaluation. The finalist teams from overseas were fully funded for their trips to the first IAIF in Beijing.

The 2nd International Artificial Intelligence Fair will be held online late August 2020. Judges will evaluate AI projects and interview finalists. Seminar sessions will provide science and technology trainings and educational talks for students. The Fair expects to attract and identify AI science projects with further development potential from around the world, cultivate and develop international young talents, and further stimulate their enthusiasm for studying science and technology, AI in particular.

2. IAIF Sponsor, Organizer and Supporting Organizations

Sponsor: Global Artificial Intelligence Academic Alliance (GAIAA)

Organizer: SenseTime Group

Global Engagement/Recruitment: HiElites Education

Supporting Universities: GAIAA Members

III. Contents and official rules

The 2nd International Artificial Intelligence Fair has set up various programs for students from different grades. Middle school and high school students are invited to register for AI science project competition:

1. Participants: middle or high school students   **Cost:** Free

2. Schedule:

Registration time: June 1 – July 15, 2020

  (free 5-part AI competition training for early registration before July 1)

Project report submission: July 1-31, 2020

Preliminary project review: August 1-14, 2020

Finalist announcement: Around August 15, 2020

Finalist Project display (online): August 29, 2020

IAIF Final competition: Online display and Q&A with judges

3. Project Team Formation

➢ Each participating student (including each member of a group project) can only submit one AI science project for the competition.

➢ The max number of participants for each project shall not exceed 3, and each group project shall have a first author and the others (if any) as co-authors. When registered online or via a form, all members' information should be filled in.

➢ Projects cannot add new members after registration without prior permission. Each member must be fully involved, familiar with the project work, collaborate and share research tasks, and each group project is expected to be completed by the team collectively.

➢ Participants must be active secondary school students as of May 2020.

4. Registration process:

➢ Registration: All international participating teams must register through HiElites Education and fill in all required information, including team name, school name, team member information, tutor (if any) information, contacts including email address, etc.

➢ Project Report (Paper) Submission: After registration, the participating teams should send their project papers to the designated mailbox before August 1st, 2020. For detailed requirements of the project paper submission, please refer to the Appendix: Project Paper Requirements.

5. Project paper requirements

Please reference the official guideline on project papers.

6. Project evaluation criteria and arrangements

The judging committee is composed of AI scholars, R&D personnel, investors, entrepreneurs, etc. in the fields of education, technology, economics, finance, etc.

(1) Online preliminary review

Review time: August 1, 2020 - August 14, 2020

Preliminary review is for the judges to review the project paper.

Evaluation criteria: This round of evaluation will be conducted from several dimensions: the establishment of research questions; project design, method selection and execution; data collection, analysis and interpretation; innovation; project independence etc.

Advancement to Final: According to the preliminary review score, the teams for the online final review are selected. The scores from the preliminary review are not included in the final review.

Notification of the results of the preliminary review: around August 15, 2020

(2) Online final review

Date: August 29, 2020

Form: Online display. Individuals or teams of students will introduce artificial intelligence science and technology projects online, and display and defend projects.

Evaluation criteria: The evaluation is based on the establishment of research questions, project design and method selection, execution, data collection, analysis and interpretation, innovation, demonstration and oral defense quality, and project independence. There will be at least three judges to conduct evaluations for each project.

Final Ranking: Winners will be selected upon final review of online displays.

IV. Recognition, Awards and Benefits

1. Honor Certificates

Honorary certificates will be issued by IAIF. Outstanding teachers/tutors and schools will also be commended.

First Prizes (US$1000): 5% of the Finalists;
Second Prizes (US$700): 15% of the Finalists;
Third Prizes (US$400): 30% of the Finalists.

In addition to the first, second and third prizes, outstanding projects from each region may also receive awards. The middle school selected for the final review will receive the Best Rising Star Award.

2. Free STEM/AI Research & Competition Training

Free 5-part training by AI expert on how to conduce STEM/AI research projects and enter STEM competitions will be provided for those who register for IAIF before July 1, 2020.

3. Free AI Innovation Coaching and Mentoring

Outstanding projects will receive one-on-one professional AI innovation and research coaching of not less than 60 hours from senior AI researchers within one year after the event, and the support the chosen projects to participate in domestic and international scientific and technological competitions.

All school counselors, tutors and students registered for IAIF by July 1 can participate in free online science and technology innovation training with focus on AI research and competition before the project paper submission.

The first 100 AI projects registered can receive written comments and guidance.

4. Apprenticeship Opportunities

Outstanding participants have the opportunity to go to a top AI firm and its partner universities and enterprises to participate in apprenticeships or summer programs.

5. Business Incubation

Excellent projects have the opportunity to obtain technical and/or financial support from top AI or investment companies within a year to incubate the projects into startups.