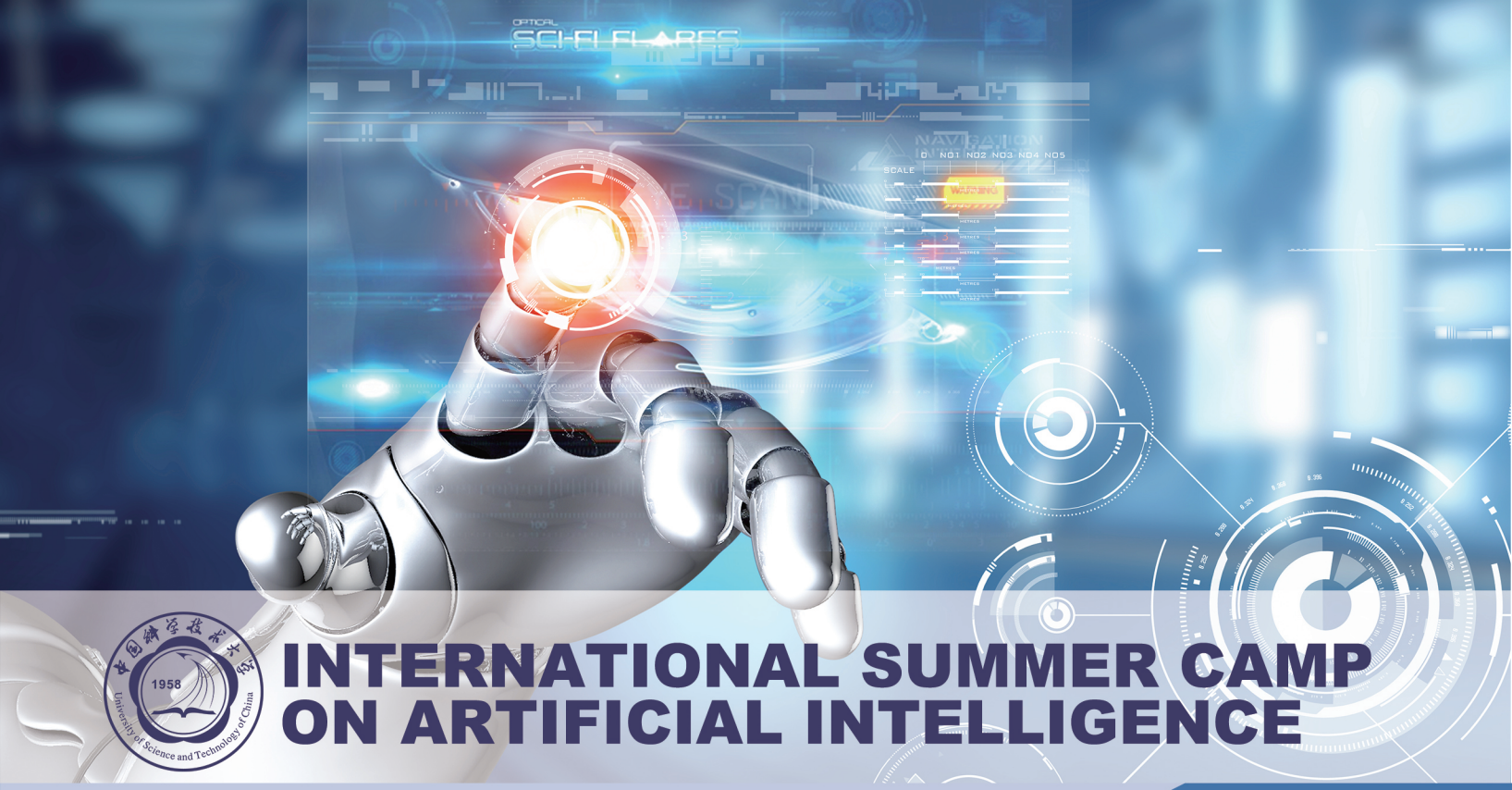

INTERNATIONAL SUMMER CAMP ON ARTIFICIAL INTELLIGENCE

July 1 – 14, 2019, USTC, Hefei, China http://scai.ustc.edu.cn

Artificial Intelligence (AI) has become an important engine for next 'Cambrian of Civilization', burst of new knowledge and technology. Do you want to know the state of the arts of AI? Do you want to experience and touch by yourself the most advanced techniques of AI? Do you want to know the trends of AI in both academic and industry? Do you want to know all the above that happened in China? Come on to join us! This Summer Camp will bring you with excellent experience on both technology and culture. Besides, you may also get some insight into why AI is so special in China, and why AIs in China are so special.

1.Venue and Dates

Dates: July 1 – 14, 2019

Venue:

The camp will be located in the campus of University of Science and Technology of China (USTC), Hefei, China.

USTC is a prominent university in China and enjoys an excellent reputation worldwide. From the start, USTC's mission has been to "focus on frontier areas of science and technology and educate top leaders in science and technology for China and the world". For more information about USTC, please visit our website: http://en.ustc.edu.cn/about/201101/t20110113_87798.html

Hefei (/ˈhəˈfeɪ/, Chinese: 合肥) is a historic city in China. It is the capital and largest city of Anhui Province in China. For more information, please visit: http://www.hefei.gov.cn/english/ and https://en.wikipedia.org/wiki/Hefei

2. Tentative Program (to be updated)

The technical program consists of 2 parts: lectures and mini projects. In lecture session, 6-10 lecturers from both academia and industry will provide reports on the state of the arts of the academic research and industrial application, especially those in China.

In mini project session, all the campers will form teams to complete mini AI-related projects selected by themselves. The topics of projects are pre-designed, but campers are also encouraged to raise new topics of their own interests. The camp will provide resources (labs, tools, computers, large computing resources) for all the mini projects.

Tentative Lectures

1) Research on the cognitive mechanism of human brain
2) Research on the brain-like artificial intelligence techniques
3) Design and analysis of Neuromorphic computing systems
4) Chip design for Artificial Intelligence
5) Artificial intelligence for image processing
6) Artificial intelligence for video processing
7) Artificial intelligence for voice and language processing
8) Artificial intelligence for medical data processing

Tentative mini-projects

1) Observation and processing of brain data
2) Algorithm practice
3) Application of AI techniques for image processing
4) Application of AI techniques for voice processing

3. Tentative Culture Activities

The camp will provide several culture courses on communicative spoken Chinese, Chinese culture, Chinese traditional sports, like Tai Ji, etc. Besides these, the camp will provide culture tour around Hefei city, from which you will find many brilliant sights of traditional Chinese culture.

4. Accommodation & Travel Grant

The camp will provide free accommodation and food to all applied and approved attendants during the camp.

For each applied and approved attendant from out of China (undergraduate student fully registered in a university/college out of China), the camp will provide travel grant as a recompensation of the international flights. The travel grant will be issued according to the geographical location of the home university for each participating student, as follows:

North America: RMB 12000 per student
Europe: RMB 12000 per student
Oceania: RMB 8000 per student
Asia: RMB 4000 per student
Other areas: TBD on individual case

5. Organizers

Organizer

National Engineering Laboratory for Brain-inspired Intelligence Technology and Application (NEL-BITA), School of Information Science and Technology, University of Science and Technology of China (USTC)

Co-organizers

SenseTime (https://www.sensetime.com/)
iFlyTech (http://www.iflytek.com/en/index.html)

6. Registration

The registration is free. To register and apply for the travel grant, please visit website: http://scai.ustc.edu.cn

Deadline of applying travel grant: March 31, 2019
Notification of application: April 5, 2019

Welcome to join Summer Camp on Artificial Intelligence! If you have any questions, please don't hesitate to let us know via email: SCAI@ustc.edu.cn