NEWSLETTER 2019 ISSUE 3

UPCOMING EVENT

The 4th Youth Forum on Frontiers of Computing will take place between October 22nd – 23rd, 2019! This forum invites young scholars and rising stars in all computer science to gather at Peking University to exchange scientific discoveries and new technologies, to learn about the center and academic career at PKU, and to interact with the PKU Turing Class students. Application as a speaker is now open, until October 6th, 2019. We especially encourage potential faculty candidates to apply. We appreciate that you help spread this message among both your colleagues and your current and past PhD students, or whoever you see appropriate. For more information, please visit: https://cfcs.pku.edu.cn/announcement/important_notice/236242.htm

FEATURED NEWS

Opening Ceremony of the 3rd Turing Class Welcomes New Students
June 4th, 2019, PKU CFCS

The Turing Class program welcomes its 3rd class of students (Class 2018) on July 4th in the No. 5 Jingyuan Garden, Peking University. This year, 58 students were selected from various schools and colleges at Peking University including School of EECS, Mathematics, Yuanpei College, etc.

Professor John Hopcroft, Chair of Turing Class Advisory Committee and Director of CFCS, together with Professor Jianbo Liu, associate director of PKU Undergraduate Education, Professor Wen Gao, Dean of EECS, Professor Baoquan Chen, Executive Director of CFCS, and faculty from EECS attended the opening ceremony, to welcome all students to join the Turing Class family.

In the ceremony, Professor John Hopcroft welcomed and congratulated students who have been selected and enrolled in the 3rd Turing Class, and advised them: "If you want to be successful, you've got to do what you enjoy doing"!

Faculty of CFCS Visits High-Tech Companies
July 2019, PKU CFCS

On July 9th, 2019, Professor John Hopcroft and the faculty of CFCS visited iFlytek and had a thoughtful discussion with Dr. Shipeng Li, Vice-President of iFlytek, on "how to promote the cultivation of computer science talents".

On July 11th, 2019, Professor John Hopcroft and faculty of CFCS visited DiDi, a young and active global mobile transportation platform founded in China, to discuss the opportunities and challenges of AI technology in the field of travel and the multi-dimensional cooperation with CFCS, Peking University with DiDi co-founder, CTO Bo Zhang and his team.

A JOYFUL AND FRUITFUL SUMMER

Summer Courses at Peking University

July 2019, PKU CFCS

Economics and Computation

by Prof. Xiaotie Deng & Dr. Yuqing Kong

A discussion class with students from PKU and Tsinghua U.

Mathematical Foundations for the Information Age

by Prof. John Hopcroft

A public course at Peking University.

Computation, Mathematics and Statistics for Visual Search Applications

by Prof. Chandrajit Bajaj, U Texas, Austin

Host: Prof. Baoquan Chen, CFCS

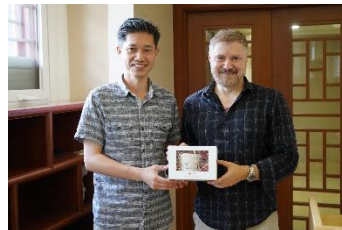## Visiting Scholars and Invited Talks

July – September, 2019

CFCS welcomes visiting scholars from various fields and has hosted several tracks of invited talks, which are open to public.

Coresets for Clustering on Graphs with Bounded Treewidth
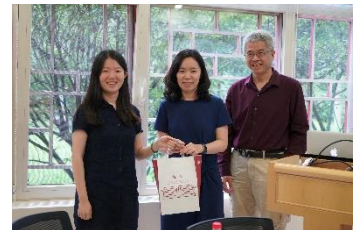
Dr. Shaofeng Jiang, Weizmann Institute of Science

Biomimetic Human Simulation and the Deep Learning of Neuromuscular and Sensorimotor Control

Prof. Demetri Terzopoulos, UCLA

Logic Encryption for Hardware IP Protection: Trilemma and Solutions

Prof. Hai Zhou, Northwestern University

Assessing Quality of Information without Ground Truth

Prof. Yiling Chen, Harvard University

Tight Bounds for L1 Oblivious Subspace Embeddings

Prof. David Woodruff, CMU

Optimizing Transport Protocols for Modern Data Center Networks

Prof. Minlan Yu, Harvard University

The Role of Computer Architecture in Emerging Cloud Computing and Edge Computing Paradigms

Prof. Yuanyuan Yang, Stony Brook University

Harmonic Triangulations

Prof. Marc Alexa, Technical University of Berlin