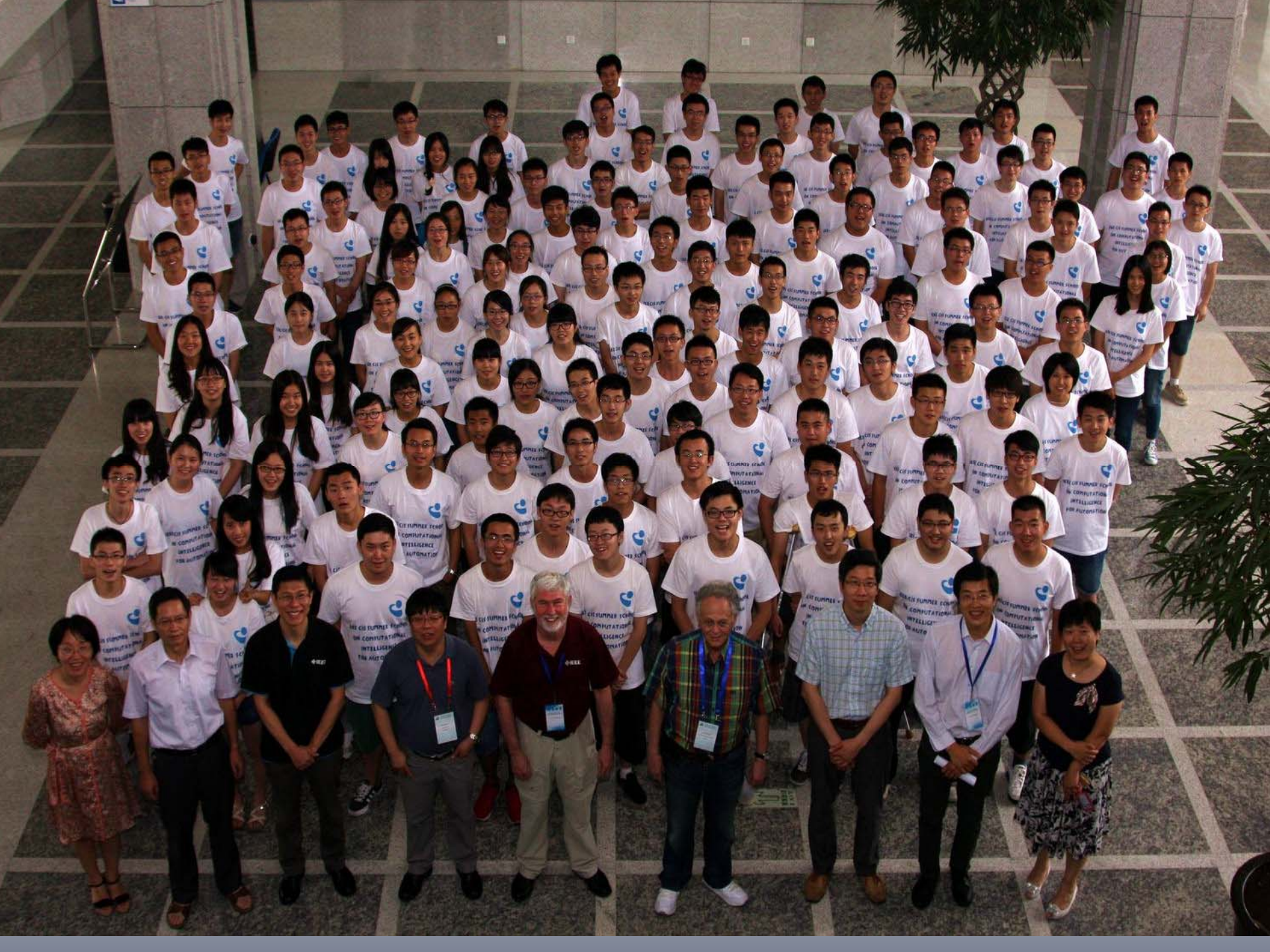
2014 IEEE-CIS Summer School on Automated Computational Intelligence

July 5-11, 2014, Beijing, China

Audiences

145 seniors, from 45 universities in China.
Everyone are the most excellent students in their departments, majored in Computing, Automation, Mathematics and etc.



Lectures

12 lectures given by 12 professors
The most valuable part in the summer school

Zeng-Guang Hou (Vice Dean, State Key Lab of Management and Control for Complex Systems): *Robotics and Intelligent Control*

Kaiqi Huang(Vice Dean, State Key Lab of Pattern Recognition):
Something about computer vision

Howard Michel (IEEE President): *Computer Systems Performance Evaluation: Steady state analysis of systems with infinite and finite queuesin Automation*

Xin Yao (IEEE CIS President): *Some Applications of Evolutionary Computation*

Cesare Alippi (IEEE CIS Vice-President): *Supervised Learning: Learning in Stationary and Non-Stationary Environments*

Kay Chen Tan (WCCI 2016 General Chair): *An Introduction to Computational Intelligence*

Marios Polycarpou (IEEE CIS Past President): *Intelligent Monitoring and Control of Distributed Systems*

Yaochu Jin (IEEE CIS Vice President): *Surrogate-Assisted Evolutionary Optimization of Expensive problems*

Vincenzo Piuri (IEEE Vice President):
Computational Intelligence Techniques for 3D Surface Reconstruction

Jose Principe (INNS Past President): *The Role of Signal Processing and Machine Learning in Brain Machine Interfaces*

Chenglin Liu (Dean, State Key Lab of Pattern Recognition): *Development and Opportunities of Pattern Recognition*

Derong Liu (Vice Dean, State Key Lab of Management and Control for Complex Systems): *Development and New Directions of Automation*

Our students were listening to the professors’ lectures carefully.

In the discussion time, students had many questions to discuss with professors.

Many times, teacher-student interactions went on after class.

WCCI

It is a unique experience for the students to attend the opening ceremony of the IEEE CIS flagship conference WCCI (World Congress on Computation Intelligence). For most students, it is the first time to take part in the world class conferences.

北京国际会议中心 BEIJING INTERNATIONAL CONV
Welcome to the 2014 IEEE World Congress on Computational Intelligence

Lab Tour

12 research items in more than 5 labs in CASIA
to show students
what we have done
an what we are doing.

Activities

6 different activities
to provide all the students opportunities
to talk, to play, to show themselves
And to make friends

"智能计算与控制"大学生暑期学校暨IEEE

中国科学院自动化研究
INSTITUTE OF AUTOMA
CHINESE ACADEMY

At the end of the memorable 7 days, a wonderful closing ceremony was held. A certification for participation was awarded to each students by Bo Xu, vice president of CASIA.