



**中国科学技术大学**

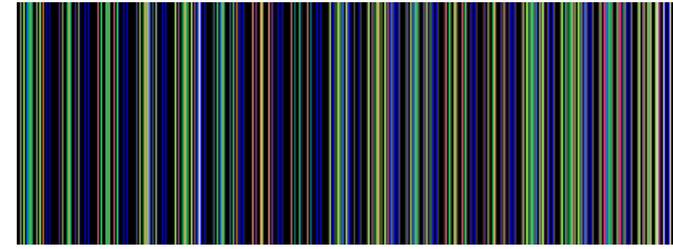
University of Science and Technology of China



**Regional Issues on  
Higher Education in Asia:  
An Example of USTC**

**Prof. Chen Chusheng  
Vice President, USTC  
March 12, 2018, Hong Kong, China**

# USTC: a Research University in Asia



## → BASIC FACTS

- Founded by CAS;
- 1,916 academic staff, 630 full professors  
48 academicians of CAS/CAE
- 7,413 undergraduates; 14,592 graduate students; 3,885 PhD candidates;
- 18 Schools

## → INTERNATIONAL REPUTATION

**TOP 3**

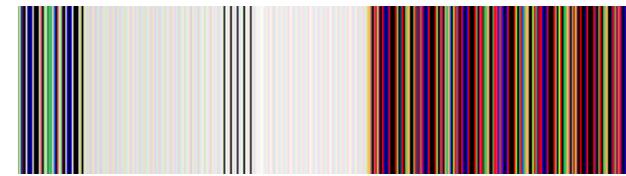
In Mainland China  
Best global universities  
U.S. News Rankings 2018

**TOP 3**

in Mainland China  
THE Asia University  
rankings 2018

**TOP 100**

QS World University  
Rankings 2017/18



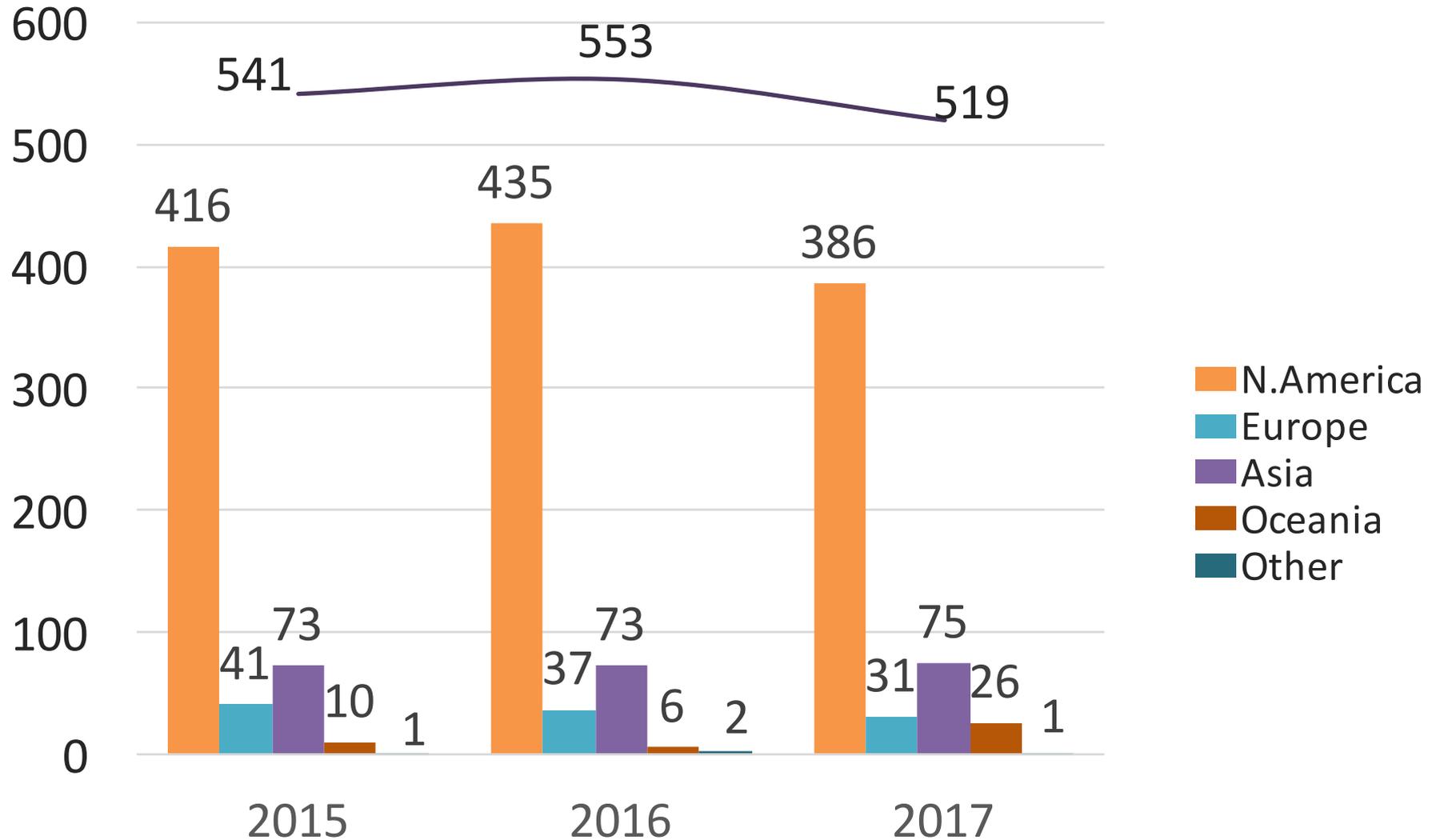
**Beijing  
1958**



**Hefei  
1970**

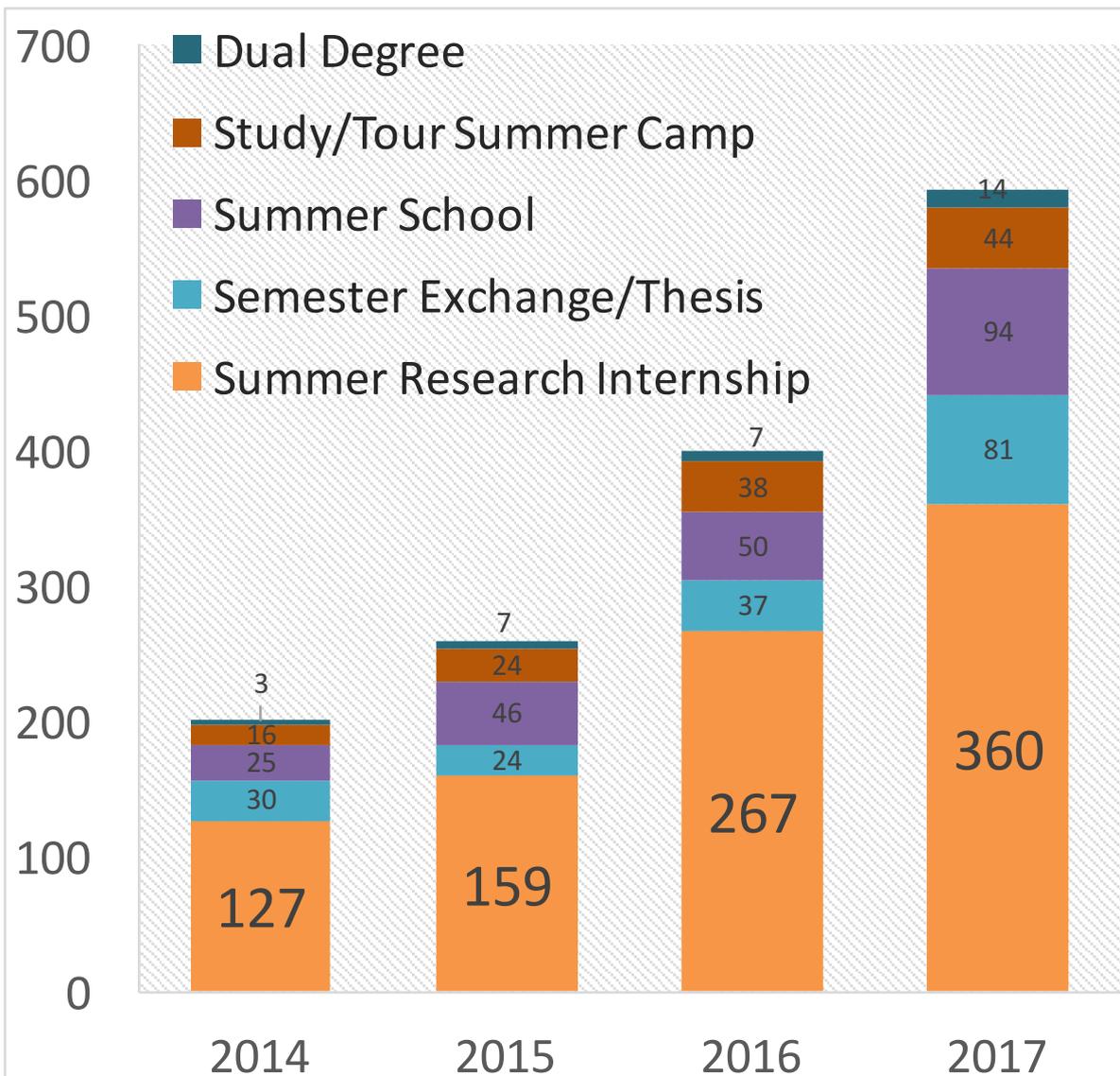
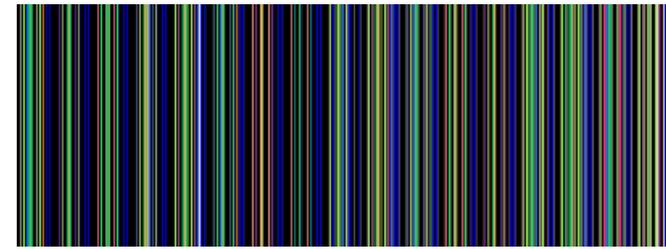


# Decrease of Interest in Studying Abroad at USTC



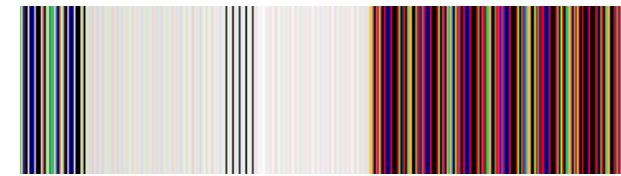
**2015-2017 Study Abroad Destination OF USTC Undergraduate Graduates**

# Development of USTC Undergraduate Summer Research Internship Program

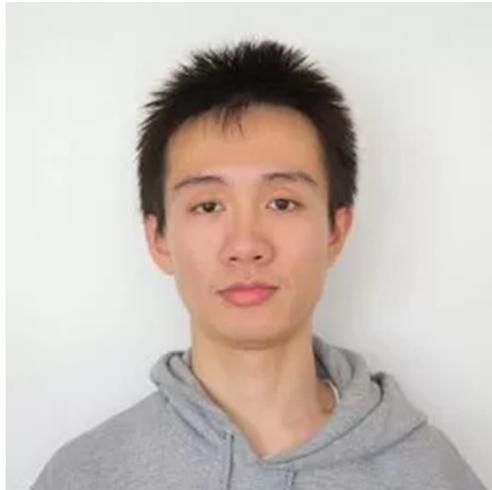
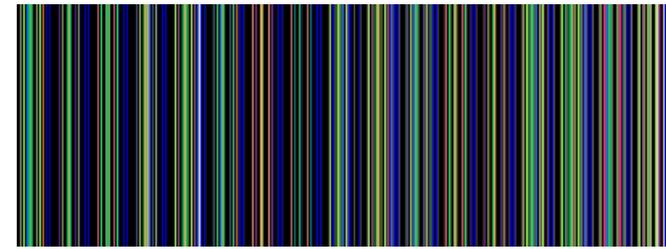


- Partner with world-class universities and disciplines
- 6-10 weeks in July-August;
- 3<sup>rd</sup> year USTC Junior;
- Based on professor-student match;
- Focus on supervised research project experience;
- **USTC financial support**

Totality of USTC Undergraduate Mobility: 2014-2017



# Story of Cao Yuan, USTC SCGY Alumni



- 2010** Admitted into USTC SCGY at the age of 14
- 2012** Summer research at the Univ. of Michigan
- 2013** Summer research at the Univ. of Oxford
- 2014** Admitted by MIT PHD program
- 2018** Two publications in a row at *Nature* in March

**nature**  
International journal of science

Unconventional superconductivity in mag

Yuan Ca  
Pablo Ja

**NEWS & VIEWS**

**Novel electronic states seen in graphene**

A simple system made from two sheets of graphene has been converted from an insulator to a superconductor. The finding holds promise for opening up studies of an unconventional form of superconductivity.

EUGENE J. MELE

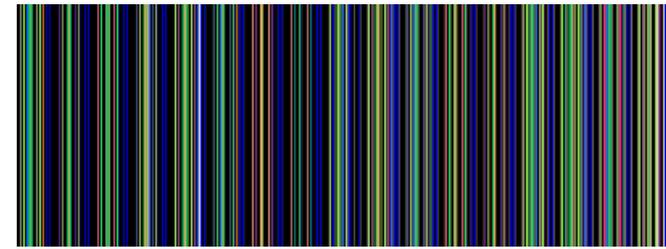
In two papers in *Nature*, Cao *et al.*<sup>1,2</sup> report the discovery of new electronic ground

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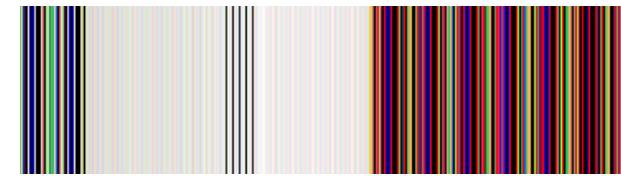
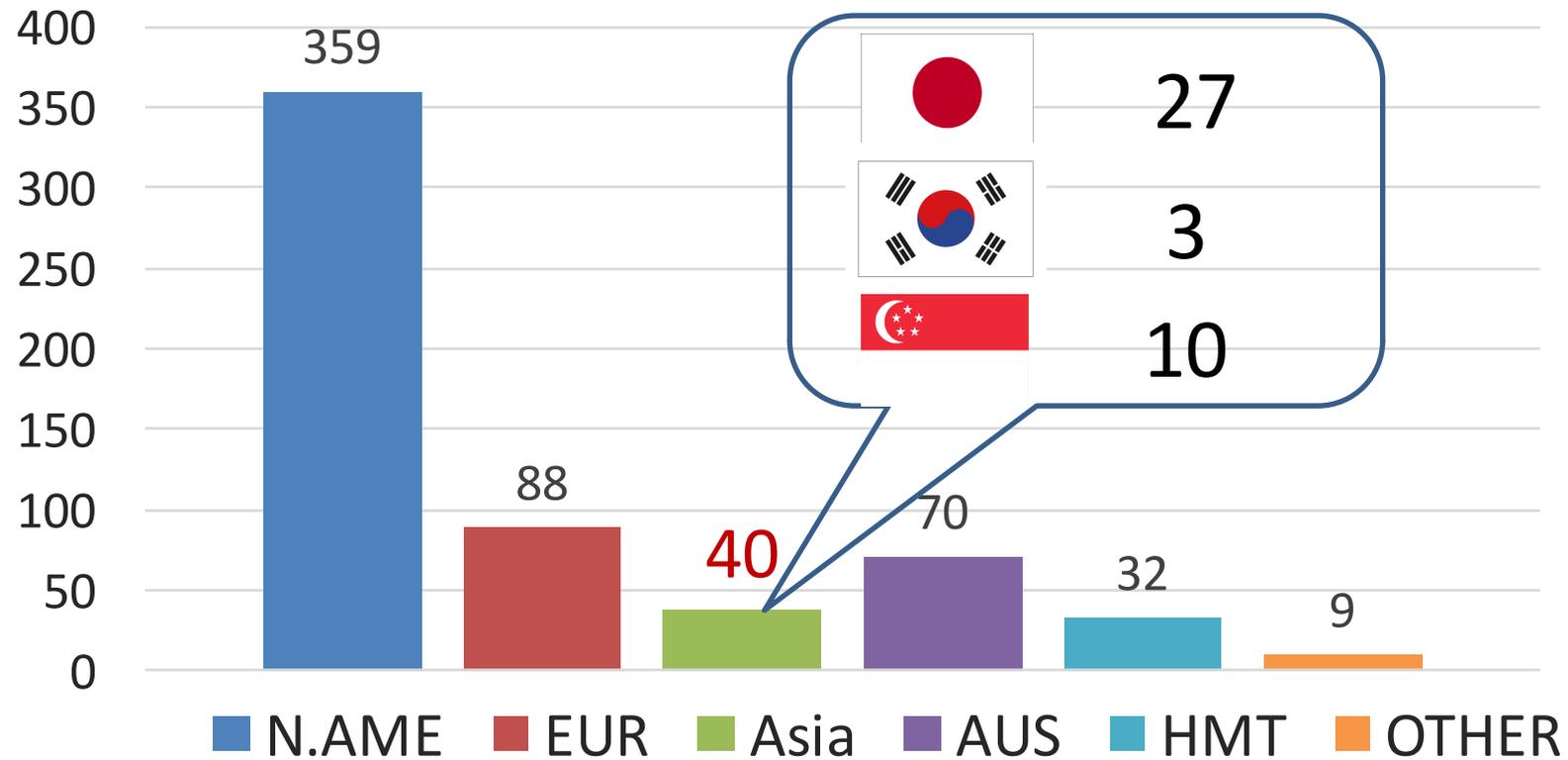
In two papers in *Nature*, Cao *et al.*<sup>1,2</sup> report the discovery of new electronic ground

such forms of matter has been to restrict intralayer electron motion by applying a strong magnetic field<sup>4</sup>. This generates narrow electron energy bands (Landau levels) in which

# Imbalanced Regional Distribution of Student Mobility

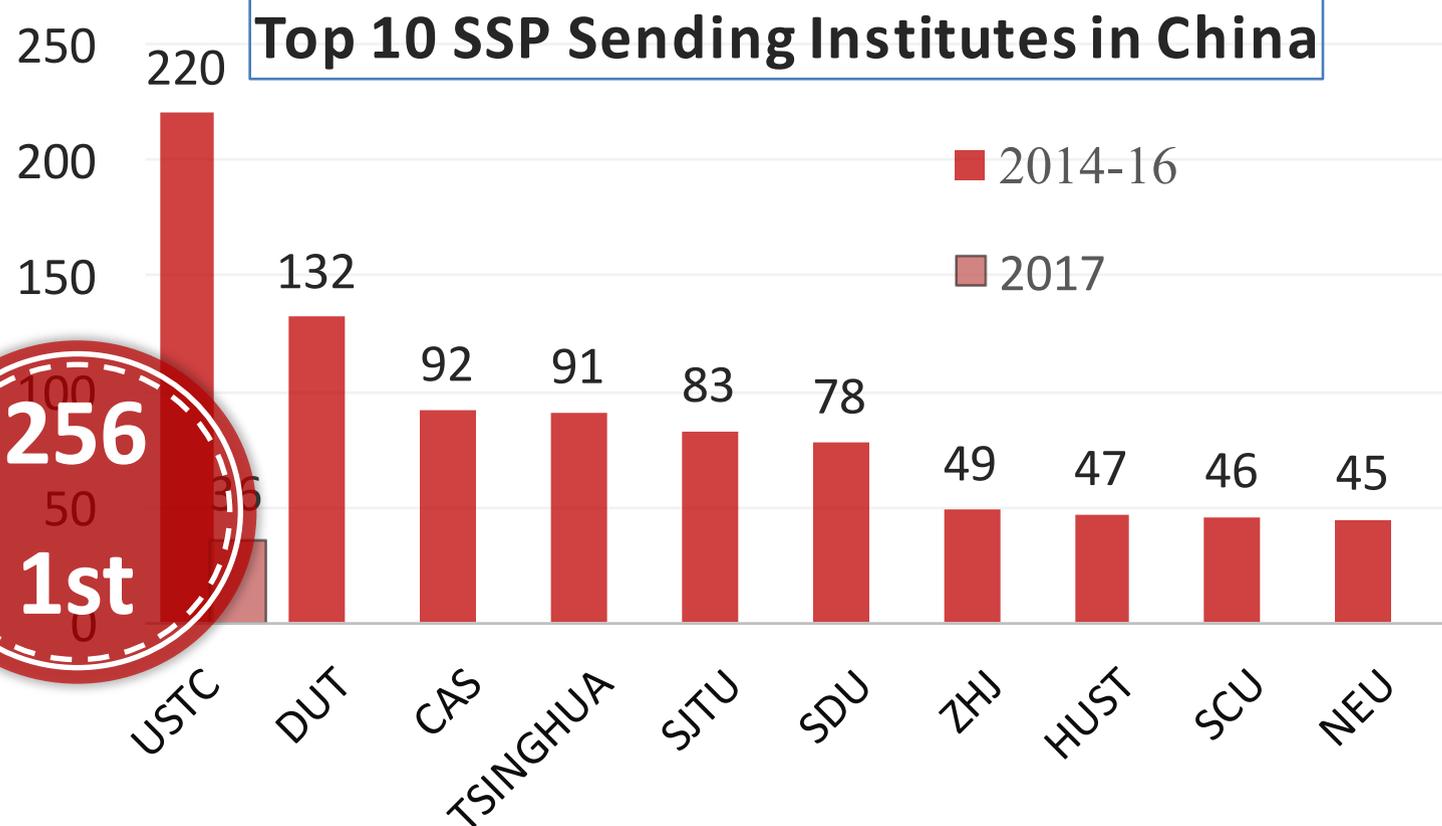


## 2017 USTC UNDERGRADUATE MOBILITY: HOST UNIVERSITY DISTRIBUTION



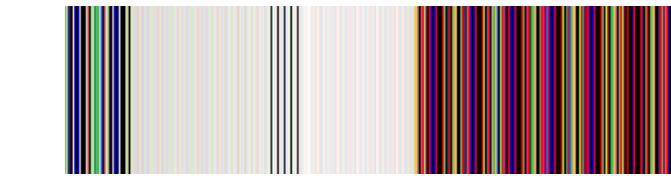
# SAKURA EXCHANGE PLAN IN SCIENCE AT USTC

JST SAKURA Exchange Program in Science is the program for enhancing exchanges between Asia and Japan of the youths who will play a crucial role in the future field of science and technology by **facilitating short-term visits of competent Asian youths to Japan.**



## 2014-2017: Number of Granted Projects

- 18** Research Collaboration
- 9** Alumni network
- 5** University partnership





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**THANK YOU!**

