

# IGSS

## International Graduate Summer School in Aeronautics and Astronautics 2016

BEIHANG UNIVERSITY



北京航空航天大学  
BEIHANG UNIVERSITY





BEIHANG UNIVERSITY

## Contact us

**Sponsor** Beihang University (BUAA)

**Address** XueYuan Road No.37, HaiDian District, Beijing 100191, China

**Admission Officers** Bai Liqiang, Chen Jiangyao, Ma Wen, Li Tao, Wang Bin

**Tel** +86-10-8233 8852

**Fax** +86-10-8233 8852

**Website** <http://igss.buaa.edu.cn>

**E-mail** [buaaigss2016@163.com](mailto:buaaigss2016@163.com) [buaaigss2016@gmail.com](mailto:buaaigss2016@gmail.com)

# About the Summer School

## Theme

Collaboration and Innovation of Aeronautics, Astronautics & Informatics

## Time

July 12th-21st, 2016

## Sponsor

Beihang University (BUAA)

## Address

XueYuan Road No.37, HaiDian District, Beijing 100191, China

## Number of participants

Limited to approximately 100 students

## Language

English

## School Dean

Prof. Huang Haijun, Vice President of Beihang University and the Dean of the University Graduate School



# Objectives

Aeronautics and astronautics are two comprehensive disciplinary fields, strategically important to economic growth, social progress and the development of many other disciplines. In order to stimulate creative thinking and promote academic exchange among graduate students from all over the world, this summer school aims to introduce to participants the frontiers of aeronautic and astronautic science and technology.

During this one-week program, a number of formal and informal academic forums and seminars will be held as a part of the program. Students will be able to attend lectures presented by distinguished experts and scholars from academic circles and industry. Team competition will be held in order to promote collaboration and innovation. A number of cutting-edge laboratories at Beihang University will be open to students for visiting. In addition, local tours and entertainment activities in Beijing will be organized for everyone who enrolls in this program.



# About Beihang University

This summer school will be organized by Beihang University, formerly known as Beijing University of Aeronautics and Astronautics, one of China's leading universities, especially in aeronautics, astronautics and relevant subjects. Beihang University is located in the centre of the Zhongguancun Science Park, next to the National Olympic Sports Village, and covers an area of over 100 hectares.

Since 1952, Beihang and her alumni have made significant contributions to the Chinese

aeronautical and astronautic industries. At present, the university has 28 schools and colleges, covering a diversity of disciplines include science, engineering, social science, law, economy, management, philosophy, foreign languages and education.

Beihang University has now a total enrolment of 4,015 doctoral candidates and 8,700 master's candidates. Nowadays, the university has evolved into an open, comprehensive, research-oriented university with focus on aeronautics, astronautics and informatics.



# Summer School arrangements

The participants will be divided into five classes according to their majors and research interests. Applicants may find and select the subjects in the application form.

## (1) Academic Exchanges

Four sessions for five classes will be organized in parallel. Each student is required to give a presentation in approximately 15 minutes. Academic discussion sessions will be held among invited professors, industrial experts and students.

## (2) Lectures

Each student should attend at least two lectures given by experts in their research fields.

## (3) Team Competition

The organizing committee will divide the participants into ten teams and put forward one project. Each team is required to do research and presentation regarding the project, upon which the invited professors and industrial experts will provide comments. One outstanding group will win the Best Team Award and receive a reward.

## (4) Lab Tours

- National Key Laboratory of CNS/ATM
- National Key Laboratory on Aero-Engines
- State Key Laboratory of Virtual Reality Technology and Systems
- National Key Laboratory of Inertial Technology
- Key Laboratory of Fluid Mechanics, Ministry of Education
- Key Laboratory of Spacecraft Design Optimization and Dynamic Simulation, Ministry of Education
- Key Laboratory of Cooperative Vehicle Infrastructure and Safety Control, Beijing Municipality
- Laboratory of Robotics Institute
- Integrative Experimental Facility "Lunar Palace 1" for Permanent Astrobase Life-support Artificial Closed Ecosystem (P.A.L.A.C.E) Research



# Application Requirements

**1** To apply online, please fill in the application form and submit it by email to the organizing committee: [buaaigss2016@163.com](mailto:buaaigss2016@163.com) and [buaaigss2016@gmail.com](mailto:buaaigss2016@gmail.com). In order to ensure we have received your application, please send the application form to both mail addresses. The subject of the email should in the form as follows: "(Full name), (your university), BUAA Summer School Applicant". This form can also be downloaded from the Summer School official website: <http://igss.buaa.edu.cn>.

**2** A recommendation letter is optional but welcome.



# | Eligibility & Funding

- (1) Applicants are invited from all countries.
- (2) The participants should be graduate students who are studying in the relative fields of aircraft design, aerospace propulsion, instrumentation science, navigation and control, material science and manufacturing engineering, avionics, new energy resources, space environment and medicine, Informatics and other relevant subjects.
- (3) Applicants who meet the following criteria will be given priority:
  - a) Students who have experience in scientific research. Please note that every student is required to give a 15 minutes presentation in the subject. The presentation slides should be submitted to the summer school organizing committee on the registration day (July 12th , 2016).
  - b) All applicants' English level should reach a certain standard (both oral and written).
- (4) Three classes of scholarships are offered to successful applicants.
  - a) Full scholarship covers the international travel expenses up to a maximum of 10,000 RMB per overseas student, tuition costs, accommodation, meals (30 RMB / day) and arranged local tours during the period of the summer school.
  - b) The second class scholarship covers half of the international travel expenses up to a maximum of 5,000 RMB per overseas student, tuition costs, accommodation, meals (30 RMB / day) and arranged local tours during the period of the summer school.
  - c) The third class scholarship covers only tuition costs, accommodation, meals (30 RMB / day) and arranged local tours during the period of the summer school.



# |Certificate

At the end of the summer school, students will receive certificates that indicate their participation in the summer school.





# Instructions

Please read the following terms carefully when submitting application form.

- (1) Type only (no handwriting) and provide all information in English.
- (2) All sections of the application form must be completed and all attachments must be provided with this form. The recommendation letter (optional) can be faxed or emailed (scanned copy) to the organizing committee of the summer school.
- (3) During faxing your personal information and recommendation letter, please wait at least 35s after dialing the number for our fax machine to respond.
- (4) Your application form and all attachments must be received by the organizing committee of the summer school no later than **April 23th, 2016**. Belated applications will not be considered.
- (5) The admission results will be released on the official website before May 5th, 2016, in the meanwhile, the successful applicant will receive a confirmation via email from the organizing committee. The official admission letter will be issued by May 10th, 2016. The final decision will not be applicable to appeal.

**If you have any questions,  
please do not hesitate to contact us.**

**Sponsor** Beihang University (BUAA)

**Address** XueYuan Road No.37, HaiDian District, Beijing 100191, China

**Admission Officers** Bai Liqiang, Chen Jiangyao, Ma Wen, Li Tao, Wang Bin

**Tel** +86-10-8233 8852

**Fax** +86-10-8233 8852

**Website** <http://igss.buaa.edu.cn>

**E-mail** buaaigss2016@163.com      buaaigss2016@gmail.com