

IGSS

International Graduate Summer School in Aeronautics and Astronautics 2019

BEIHANG UNIVERSITY



北京航空航天大学
BEIHANG UNIVERSITY



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Contact us

Sponsor Beihang University (BUAA)

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About the Summer School

Theme

Integration and Innovation of Aeronautics, Astro-
nautics, Informatics & Aerospacemedicine

Time

July 3rd-9th, 2019

Registration day: July 2nd; Formal Event: 3rd-9th

Sponsor

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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

Introduction

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

During this one-week program, a number of formal and informal academic forums and seminars

will be held as a part of the program. Participants will attend lectures presented by distinguished experts and scholars from relevant academic areas. Besides, team competition will be held in order to promote academic cooperation and innovation. A number of cutting-edge laboratories at Beihang University will be open to participants for visiting. In addition, local tours and entertainment activities will be arranged to give every participant a chance to fully experience Chinese culture.

← A/B/C座、会议中心

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.

Since its founding, Beihang has excelled as one of the first 16 key universities in China, given priority for development. In 2017, Beihang was chosen to participate in the Double First-Class plan, which includes major support from the Chinese Ministry of Education and other government departments to build a world-class university with world-class disciplines.

At present, the university comprises of more than 30 schools/colleges, covering science, technology medicine, liberal arts, law, economy, management, philosophy, foreign languages and education.

Beihang University has now a total enrollment of over 16,000 doctoral candidates and master's candidates. Nowadays, the university has evolved into an open, comprehensive, research-oriented university with the focus on aeronautics, astronautics informatics, and life science.

Arrangements

The participants will be divided into four 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 four 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 experts will make comments. One outstanding group will win the Best Team Award.

(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 I" 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 before May 6th:

ibuaa2019igss@163.com 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.

Four classes are classified as:

Materials Manufacturing & Life Science

Aircraft Design and Propulsion

Information Science and Artificial Intelligence

Instrumentation Science, Navigation and Control

| Eligibility & Funding

- (1) This project will be open to students worldwide.
- (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, medicine, 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 2nd , 2019).
 - 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 of no more than 9,000 RMB per overseas student (with certificate), tuition costs, accommodation, meals and arranged local tours during the period of the summer school.
 - b) The second class scholarship covers the international travel expenses of no more than 4,500 RMB per overseas student (with certificate), tuition costs, accommodation, meals and arranged local tours during the period of the summer school.
 - c) The third class scholarship covers the international travel expenses of no more than 2,000 RMB per overseas student (with certificate), tuition costs, accommodation, meals 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 May 6th, 2019. Belated applications will not be considered.
- (5) The admission results will be released on the official website in mid-May, in the meanwhile, the successful applicant will receive a confirmation via email from the organizing committee. The official admission letter will be issued on May 20th, 2019. The final decision will not be applicable to appeal.

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

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