

Newsletter

No winter lasts forever, no spring skips its turn.



Regional Centre for Space Science and Technology Education
in Asia and the Pacific (China) (Affiliated to the United Nations)

联合国附属空间科技教育亚太区域中心(中国)



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Five Continents in One Mind, Working Together to Overcome the Difficulties

At the beginning of the Spring Festival in 2020, a sudden epidemic outbreak swept across China and the world, causing serious difficulties and challenges to the life safety, economic development and daily life of people in China and the world. Facing such an unprecedented disaster, the Chinese people, under the strong leadership of the CPC Central Committee lead by President Xi, have united as one and achieved remarkable progress in the initial fight against COVID-19.

At the outbreak of COVID-19, the Centre set up a specialized team in the first time under the unified deployment of Beihang University, which quickly got to know the dynamic trends of students at home and abroad, and made every effort to ensure the safety of students, deal with their ideological work, and solve various demands of the students. Over the past few months, under the command and coordination of leaders at all levels of the university, International School, Beihang University and the Centre have adjusted their thinking modes and methods according to the developing situation of the epidemic, and achieved the simultaneous promotion of epidemic prevention, teaching, enrollment and management, thus ensuring the orderly development of various work. To reflect the work of Centre during the special period, this issue of the Newsletter is recorded in a special collection.

Since the outbreak of the epidemic, in order to guarantee the daily life of international students on campus, leaders and staff of International School have successively visited student dormitories 7 times to provide them with free masks, pure water, bread and other daily necessities based on the principle of caring for students; On the pedagogical side, the International School has issued a detailed schedule to guide students in carrying out online learning to ensure that learning is uninterrupted when classes are disrupted; In terms of epidemic prevention and control, “epidemic prevention and control”

mini program has been developed for students to clock in every day in order to get their health and location status; In terms of management, the coordinator of the Centre organized regular class meetings to understand participants’ psychological conditions, provided psychological guidance, collected their suggestions and opinions, and provided timely support for the participants; For online activities, the International School took the lead in organizing activities including “Long Distance Book Club”, “A Food Trip Around World” and “Study at Beihang—In the days of fighting the epidemic”, etc., to enrich the online activities of international students at home and abroad, and to record their wonderful anti-epidemic moments.

We are very pleased to see that the international students from the Centre and Beihang University have maintained a good mental and physical state. In more than a month, several students will graduate from Beihang University, to embark on the next journey of their life. Although the epidemic situation in Beijing continues to improve and the society is returning to normal, the epidemic is not over yet, and the risk of a rally remains, which requires our continuous precautions.

We always believe that no winter lasts forever, no spring skips its turn.

We look forward to meeting you again on the beautiful campus of Beihang University shortly.

01 Admissions and Education

“ During the epidemic, enrollment and teaching at the Centre were conducted in an orderly and planned manner. The Centre received more than 70 application materials of recommended participants from APSCO, the Member States and partners. Although participants who left the university during the winter holiday cannot return to the school at the moment, learning is uninterrupted when classes are disrupted with the joint efforts of the staff, teachers, coordinator and participants. Teaching and training work is carried out in an orderly manner to ensure that the quality of teaching is not affected and to maintain constant contact between teachers and participants and academic seminars. ”

The Official Launch of the 2020 Enrollment Work

In January 2020, the enrollment work of the “Postgraduate Program on Space Technology Applications” was officially launched. In early January, the Centre sent enrollment brochures to the Member States and the Asia-Pacific Space Cooperation Organization (APSCO). By the end of March, we had received 34 applications recommended by APSCO member countries (Pakistan, Bangladesh, Peru, Thailand, Turkey, Mongolia, Iran) and 45 applications recommended by the Member States, other Regional Centres and partners of the Centre.

The Centre staff reviewed the application materials. The audit criteria include complete materials, age, educational background, professional level and English ability, the evaluation of the recommendation letter, study plan, physical quality, etc. Online interviews are planned to be held in April.

The Postgraduate Program on Space Technology Applications is a Degree Program established by the Regional Centre for Space Science and Technology Education in Asia and the Pacific (China) (Affiliated to the Union Nations) (RCSSTEAP). Graduates will be awarded degrees from Beihang University, the program is supported by China Scholarship Council (CSC), Beijing Government Scholarship and Beihang Scholarship. In 2020, this program plans to recruit postgraduates in four (4) academic fields including Satellite Communications and Global Navigation Satellite Systems (SC&GNSS), Remote Sensing and Geographic Information Systems (RS&GIS), Space Law and Policy, and Space Science and Environment, among which Space Science and Environment is the new major added this year. A total of fifty (50) postgraduates are planned to enroll, including forty -two (42) MASTA candidates and eight (8) DOCSTA candidates.

Notice on Conducting Online Courses, TP and Mid-term Assessment

During the COVID-19 control and prevention, the Centre fully applied modern information technologies in education and teaching, striving to realize online teaching, participants' independent learning and research during the delayed semester through various forms such as online live broadcast, video recording, MOOC, Beihang Curriculum Center, WeChat group, providing learning materials, etc.,

to ensure the successful offering of more than 10 courses this semester. The Centre office has made detailed arrangements for the teaching and learning of participants of all grades and majors before they return to school and informed them, encouraging them to take good care of their health and study during the epidemic, and ensuring learning uninterrupted when classes are disrupted.

In this semester, thirty-eight (38) participants of Postgraduate Program on Space Technology Applications from the three (3) educational fields including Satellite Communication and Global Navigation Satellite System (SC&GNSS), Remote Sensing and Geographic Information System (RS&GIS), and Micro-Satellite Technology has started their Team Pilot Project (TP), which is arranged after the first semester of course study. The project will be conducted through teamwork, and the teams will be formed by 3-4 people according to their research interests. The TP is supposed to complete within three (3) months, which mainly focuses on training participants to apply the theoretical knowledge and skills learned to solve practical problems, thus developing their spirit of teamwork. Before the participants return to school, the daily guidance and sessions of the TP will be completed through the internet, the supervisors communicate with the participants through video conference, WeChat group, etc., to proceed weekly report of the project and promote the progress. The opening report of the TP will be organized in mid-March and the project will be completed in May.

At the beginning of March, the Centre organized thirty-four (34) MASTA participants of class 2018 in Postgraduate Program on Space Technology Applications from four (4) educational fields: Satellite Communication and Global Navigation Satellite System (GNSS), Remote Sensing and Geographic Information System (RS&GIS), Micro-Satellite Technology and Space Law and Policy to conduct the mid-term assessment of their dissertation. The participants reported on the progress of their dissertation research through the mid-term assessment, and the supervisors made comments and suggestions on their reports. Those participants will graduate in June-August 2020.

Before the participants return to school, the supervisors and staff of the Centre maintain close contact with the participants, get to know their physical and mental states, guide them to obey the national deployments and school regulations. The supervisors and coordinators will continue to guide the participants to arrange their curriculum, study plan, dissertation research plan and other academic research plans, know about the participants' progress in various aspects and give academic guidance every week, hold the research group meeting through video conference, so as to keep the communication between teachers and participants, and academic discussion in a continuous line.

Learning Uninterrupted when Classes are Disrupted: Online Learning Experience of Centre Participants

Since the start of the online courses, the students, under the guidance of the teachers, carried out online learning by watching the live courses, communicating through WeChat groups, watching recorded videos, downloading course materials for self-study, and one-on-one communication with supervisors, etc. Unlike in-class teaching, online teaching does not directly face the teacher, which on the one hand tests the self-discipline of the students, on the other hand, it also adds challenges to the interaction between teachers and students in the online courses. To better guarantee the quality of online teaching, the coordinators of the Centre pay close attention to the online courses by joining course groups, get to know the students' recent learning situation, and timely collect the feedback and feelings of international students about online courses.

Here's what it's like to study online, as shared by participants from the Centre:

Sometimes life happens in unexpected ways. A mature person is someone ready to deal with adversity and make the best out of the situation. Due to the hard time China is facing, it is important to: stay positive, get creative, focus on what you can change rather than on what you can't. Even though we were just a few months away from the thesis defense, my supervisor, Prof. GAO Guozhu and I overcame jet lag due to different time zones and managed to arrange remote meetings through WeChat to discuss my Master's thesis and make progress on the writing. If I had any questions, my supervisor will always be there and ready to help and guide me online. Online communication is a way to deal with this hard time without losing the education standards. It's very useful and helpful!



—ANA PAULA CASTRO DE PAULA NUNES,
2018 Space Law and Policy participant from Brazil

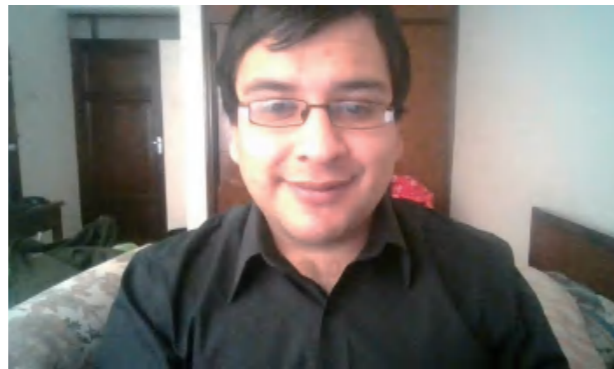


—ZEESHAN HASSAN KHAN,
2019 RS&GIS participant from Pakistan

Life is sinusoidal with ups and downs, a mature and energetic person is that one who manages to sustain the hardships and never feel defeat, and he either wins or learns from hardships. Due to the epidemic situation in China, the daily routine has been affected but we need to stay positive and have the strength to face it. Even while me and my Supervisor Miss Liu Yalan have been going through closed coordination during studies via We Chat. Especially during

the course work and specifically regarding my Thesis Proposal, my supervisor has greatly helped and guided me online. She remains available all the time to guide me whenever I feel that I need some help or assistance regarding planning my thesis proposal and also gives me directions for enhanced methodological approaches. This online mechanism has greatly helped to fill the gap between students and the supervisors and is very helpful.

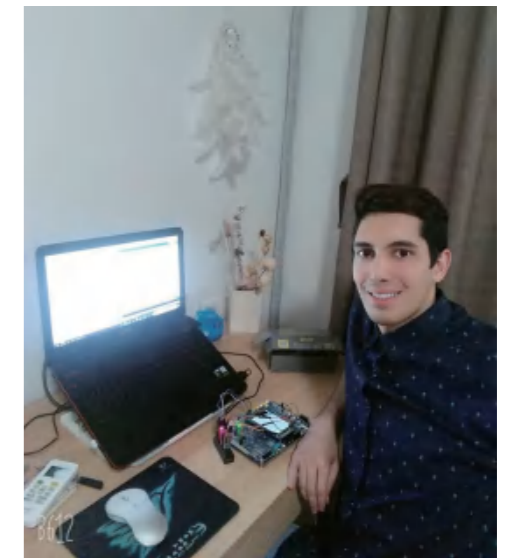
As it is well known, people are facing hard times in the difficult situation generated by COVID-19 but this is just a challenge that would bring out the best of us. Despite all of the difficulties that one can face, it is remarkable to state the incredible work that professors and staff members are realizing not only for their predisposition but also for their effort. In my case, sometimes it is difficult to assist all online meetings due to time lag between China and Bolivia (12 hours) but that does not impede learning, as professors always record the meetings and send them to us, equally if I have any question they answer them in the best way. I am grateful for being able to continue with the classes online.



—Miguel Perez,
2019 RS&GIS participant from Bolivia

The pandemic situation might have plenty of drawbacks, however, it brings advantages as well. The beginning of the pandemic situation was a disaster for me as it was all panic and fear. Anyway, it took me a while to figure out how could I schedule my days. The few first days were not the best, but as the great Confucius said, “It does not matter how slowly you go as long as you do not stop.” I also tried my best to keep going and adapting myself to the new situation. I started my classes which were very helpful to engage my mind with something rather than the pandemic. It might not feel as lively and energetic as the real classes, but they are productive and the teachers delivered the contents with all possible learning tools. I appreciate the efforts of the International school for holding the classes during this hard time. Besides, As a Ph.D. student, I also have to work on my research, it was a great pleasure that my supervisor, Prof. Sun Liang , has been very responsive during this time and I’ve never felt any difference in comparison with the normal situation, I also appreciate his efforts in providing me the required hardware so I could keep going with my research. Last but not least, I appreciate all the efforts by Ms. Guo & Ms. Jane for providing all possible help with official regulations on and off-campus in the shortest possible time. I wish the situation may get back to normal very soon and all nations feel the happiness and peace in their lives once again!

中国加油! All the international students including me are waiting impatiently to enjoy the beauties of China in a normal situation once again!



—Amir Hossein Alikhah Mishamandani,
2019 DOCSTA participant from Iran

Recommended Online Course: *Living in Space*

The environmental conditions in space are very harsh. How can human beings live in such an environment for a long time? “Living in Space” will tell you everything you need to know. Led by Professor Liu Hong from Beihang University, the Chief Designer of the “Moon Palace No.1”, this course, based on the team’s 15 years of research experiences, explains how human beings survive in space. Dr. Liu Hui from Beihang University, captain of the experimental chamber of “Moon Palace 365”, shares her work and life in the palace. This course is a general education course, and the last seven sections are taught in English.

Mooc has been launched on the following platforms:

Xuetangx.com MOOC (www.icourse163.org)

Language of MOOC:

Chinese (full version) English subtitled version (compact edition version)

Main Contents of MOOC:

This course consists of 16 courses. The courses combine the requirements of human spaceflight development, such as short-term manned spaceflight, low-earth-orbit space station, Moon/Mars base, etc., to illustrate the importance of life support technology for the implementation of space missions. The course will introduce the existing principles of life support technology, explain the future of human long-term survival in outer space, the development of life support technology, and China's achievements in this regard. For instance, the course "Life Support System of 'Moon Palace No. 1'" explains the scientific principles of the life support system of biological regeneration needed by human beings to survive in outer space for a long time, and introduces the key technologies required to survive in outer space, so as to guarantee the knowledge of physiological and mental health. This series of courses will guide you to think about the earth's ecosystem from the cosmic scale, and the ecosystem on which human beings depend for their survival on earth, namely the human life support system, so as to think about its operating principles as well as its importance to human survival and development. Dr. Liu Hui, captain of the volunteer crew in the experimental chamber of "Moon Palace 365", was also invited to share his life in the moon palace.

Features of MOOC:

This course is led by Professor Liu Hong, chief designer of "Moon Palace No. 1". Based on the team's 15 years of research experiences, this course takes the "Moon Palace No. 1" life support system as an example to explain the scientific principles of the biological regenerative life support system needed for long-term survival in outer space. The system has independent intellectual property rights, and is the first space-based in China and the third in the world, with ground-based comprehensive experimental devices for the biological life support system for regeneration. The "Moon Palace 365" experiment is the world's longest and most closed biological regeneration life support system experiment. Outstanding students will be given a free visit to the laboratory (occasionally).

Speaker Introduction:

Liu Hong, professor of Beihang University, is in charge of the course, responsible for the teaching of sections 1-5 and 7. Liu Hui, a postdoctoral fellowship at Beihang University, is responsible for the lecture of section 6.

Professor Liu Hong is the chief designer and chief scientist of "Moon Palace No.1", an academician of the International Academy of Astronautics and a foreign academician of the Russian Academy of Natural Sciences, and has been awarded the "China Women's Medal of May 1st" in 2019. As of September 2019, she has published more than 160 papers in important academic journals and conferences at home and abroad, including more than 110 SCI papers. She has also obtained 37 national invention patents and published 3 monographs.

Dr. Liu Hui is the captain of the crew of the "Moon Palace 365" Experiment, an in-cabin experiment volunteer.

Both of the teachers belong to the curriculum operations team, the "Moon Palace No.1" team, and have won the 2019 "China Youth May Fourth Medal" (collective award) and other honors.

Registration method:



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Since its establishment in 2014, the Centre has recruited more than 200 participants from 24 countries. Participants from all over the world exchange ideas, spread their culture and compose a movement of diverse cultures here. Since the Spring Festival in 2020, due to the epidemic of Covid-19, participants of the Centre could not meet on the campus of Beihang University in a short time. But learning is undisrupted when classes are disrupted. International School, Beihang University and the Centre used a variety of channels and methods to ensure the basic livelihood and study of the participants.

”

02 Daily Management

Orderly Conducting Student Work

Since January this year, the pneumonia epidemic caused by the COVID-19 has continued to spread. After strenuous efforts by the whole country, the fight against the COVID-19 has reached a more stable stage. In the meantime, Beihang University and the Centre have done a great deal to ensure students' learning and basic living, addressed the difficulties they were experiencing, and achieved a good result.

During the fight against the epidemic, the Centre carried out 7 condolence visits for international students on the campus, provided them with free masks, purified water, bread and other daily necessities; solved laundry problems for students; provided drug purchasing service and online appointment for outpatient service; organized free haircut service; held online counseling seminar; provided a door-to-door degree photos collection service for graduates; presented birthday cake to the students, etc. These activities won the unanimous recognition of the students.

Besides, the Centre issued detailed teaching arrangements and guidance to students of all grades during the epidemic period, and conducted online courses to realize the non-suspension of classes. A mini program was developed for students to clock in every day to get their health and location status. Besides, the coordinator regularly organized class meetings to understand students' psychological state, conduct psychological counseling for the students, collect their suggestions and opinions and give them feedback for them promptly.

Confronted with the complex anti-epidemic situations and uncertain dates of returning to school, international students should actively respond to the call of the world, abide by the uniform deployment of the university, study hard and cherish their life. In the face of the epidemic, learning is still the priority of all students. Nothing should prevent us to stop our study. We should continue to work hard until the day comes when we can return to normal school life.

Holding Online Class Meetings

To better acquaint the students with the current online teaching arrangements, make good preparations for the commencement of the new semester and graduation, understand the health and psychological status of the students, sort out common issues that students pay close attention to during special period, guide students

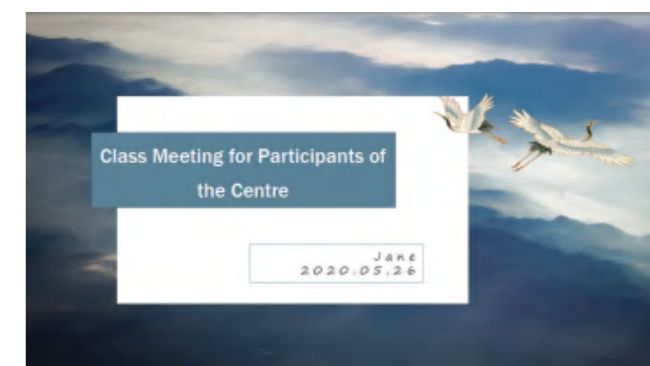
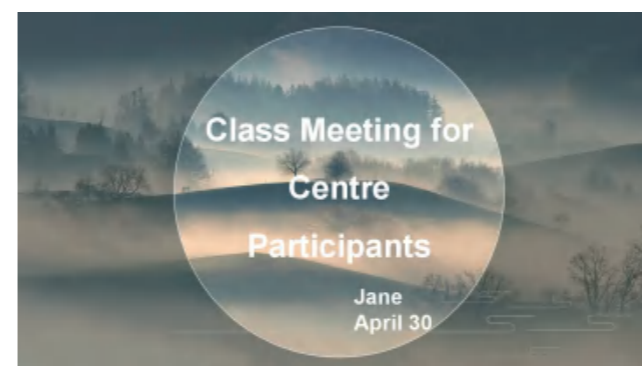


to be self-discipline and attentive in the class, ensure their learning does not fall behind and their grades not decrease, and prepare them for graduation, the coordinator of the Centre has held two (2) class meetings to keeping continuous communication with the participants.

The main contents of the class meetings include the basic situation of the epidemic, fundamental knowledge of epidemic prevention, online teaching arrangement, visa expiration, graduation photos and other common questions. Besides, the coordinator gave detailed explanations and answers to students' most concerned questions such as online teaching, visa application, scholarship application and postponement of the school term.

Since the start of online courses on February 24, the coordinators and teachers of the Centre have been keeping abreast of the attendance of the participants and other class situations. The coordinators also use WeChat and email to contact students around the world and caring for their studies and lives; keep an eye on the students' health through the health daily report. After the monitor meetings, most of the classes organized group meetings with their classmates to exchange their feelings about life during the epidemic and share their online learning experience.

After the class meetings, the participants expressed their gratitude for the care and concern of the Centre, the positive anti-epidemic measures taken by China as well as the current online teaching arrangement, also their determination to cooperate with the school in fighting the epidemic, to learn online courses well and complete their studies smoothly.



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To expand the Centre's influence and promote long-term sustainable development, the Centre has been actively maintaining cooperation with the Asia-Pacific Space Cooperation Organization (APSCO) and the Member States, and actively expanding external exchanges. Since the outbreak of Covid-19, the Centre has established contact with the APSCO and the Member States promptly, provided and updated detailed information of the participants at home and abroad, which has been highly recognized by the APSCO.

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03 Cooperation & Exchanges

Maintaining Close Contact with the Member States and APSCO

Since the outbreak of COVID-19, the Centre has kept close contact with its partner, Asia-Pacific Space Cooperation Organization (APSCO), and the Member States, to constantly exchange information, care for students, and grasp the dynamics of students.

In March, the Centre submitted to APSCO and eight (8) Member States (Algeria, Bangladesh, Bolivia, Brazil, Indonesia, Pakistan, Peru and Venezuela) a student status report for this semester, reporting the efforts made by Beihang University and the Centre for the international students since the epidemic, including: according to the unified deployment of the school, International School has set up a special working team at the first time, assigning a staff responsible for the daily work of APSCO recommended participants; established WeChat working groups in each grade for daily contact, and releases school notices and various information promptly; responded to students' various demands and offers targeted solutions; updated articles in "Study at Beihang" Wechat public account regularly to convey positive energy and strengthen our resolve to help each other and to have confidence and determination to overcome the epidemic; for international students who have returned to their home country or are in a third country, one-on-one solutions on issues like visa expiration will be offered; the health status, geographic location and registration status of recommended participants have been counted by staff of the Centre, and produced detailed reports and information statistics to provide feedback to APSCO and Member States.

The Centre's efforts on student management during the epidemic have won the appreciation of students, the Centre's Member States and APSCO. APSCO Secretariat sent an appreciation letter to the Centre, indicated that they will continue to work closely with the Centre to ensure the safety of the students, create good conditions for students' study and life, also expressed confidence in the future prospects of cooperation between the two sides.

The Centre will continue to work with APSCO and the Member States to improve the quality of teaching, ensure the safety of participants, and to offer better service to the international students.

Online Activities

04



Appendix: Bolivia recommended students list.

Serial No.	Student ID	Registration Date	English Name	Chinese Name	Gender	Birth Date	Student category	Professional direction	Recommending unit	Registration status	Location
1	LS1802522	201809	HERNAN FERNANDO BRUCHIAN QUERRER	比内	M	1993/12/09	MASTA	RMGCS	BCSSTEAP	Studying	Home country
2	LS1802523	201809	GABRIEL ANDRÉS JAMES ILLANES	吉里	M	1993/02/22	MASTA	Micro-entailine	BCSSTEAP	Studying	Home country
3	LS1802509	201809	PIREZ BUSTILLOS, NIKOLAI ANGELO	皮里	M	1985/02/02	MASTA	RMGCS	BCSSTEAP	Studying	Home country
4	LS1802516	201809	GUTIERREZ GABRIELIS, PIVIAN MARCELO	古提	M	1996/03/08	MASTA	Micro-entailine	BCSSTEAP	Studying	Home country
5	LS1802504	201809	CASTRO CONDOR, PAMELA YESICA	卡斯	F	1993/03/08	MASTA	SCAGNNS	BCSSTEAP	Studying	Home country



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Since the outbreak of the COVID-19, International School, Beihang University and the Centre have organized several online activities to enrich the online learning life of the participants and strengthen their confidence in fighting the epidemic. This section focusing on the highlights of the Centre's online activities and presentations during the epidemic, telling the story of the lives of talented people from various countries in the fight against the epidemic.

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Poster Design Contest for the 5th China Space Day

From March to April 2020, the Centre and the International School, Beihang University, together with Qian Xuesen Youth Academy of Space, Beijing Municipal Commission of Education (Feng Tai District), Beijing Institute of Education Fengtai Branch, Experimental School of Beihang University, “Aerospace Knowledge” Magazine, Industrial Design Department, School of Mechanical Engineering and Automation BUAA, jointly held the Poster Design Contest for the 5th China Space Day.

With **aerospace** as the theme, the contest encourages the integration of elements such as “**five continents united as one**”, “**work hard and be tenacious**” and “**perseverance**”, and solicits artistic works in various forms including painting creation, graphic ideas, posters and photography collage, to inspire people from all walks of life at home and abroad, especially young people, to advocate science, explore the unknown and dare to innovate.

The contest has received extensive attention and welcome from all walks of life, with more than 700 submissions from aerospace culture enthusiasts from Beijing, Shanghai, Guangdong, Chongqing, Ningxia, Hunan, Hubei, Shandong, Hebei, Heilongjiang and other places.

On April 21, the contest was reviewed online. **After the comprehensive evaluation by the experts of the judging committee, 2 first prize winners, 4 second prize winners, 8 third prize winners and 126 winners were selected.**

The list of winners is as the following (in no particular order) :

The First Prize	
Organization	Name
Zhejiang Normal University	Huyang, Liu Keling
Hunyuan No.7 Middle School	Wei Shaopeng

The Second Prize	
Organization	Name
Fengtai District Children’ s Palace	Li Jiajun
Middle School Attached to Capital University of Economics and Business	Xing Miaomiao
Beijing No. 12 Middle School	Zhao Yi
Fengtai District East Highland No. 3 Primary School	Jiao Yiming

The Third Prize	
Organization	Name
Lanzhou University of Arts and Science	Yang Beibei
Fengtai District Children’ s Palace	Zuo Jingzhe
Beijing Fengtai District No. 5 Primary School	Yan Lifeng
Beijing cheng huai wei xiang Art School	Wu Fangyi
Beihang University	Zhang Haochun
Guangxi Normal University	Wen Yan
Experimental School of Beihang University	Zhang Bochun
Beijing No. 12 Middle School	Shi Jingjing

Winning Prize

Name

Chen Taifeng, Wan Zihan, Sun Yuqiu, Wei Ruoyu, Wang Jingwen, Tian Yueqi, Xu Ruijing, Fang Wanting, Dong Yichen, Lin Jiayin, Wu Hanyu, Bu Ding, Wang Xuanbo, Liu Shenxiang, Zhang Tongbin, Ma Zaiyue, Duan Yunshu, Liu Ru ming, Zhao Yining, Li Mingyun, Ma Yueyuan, Huang Yixuan, Qian Wenxuan, Wu Meixuan, Song Yifei, Liu Xiaorong, Sun Yihan, Zhou Fudong, Liang Yiwen, Zhou Leilei, HOUNKPATI AKOUE TE JULIEN, Huang Zhe, Lin Yuxiang, Chen Gang, Liu Xinyu, Huang Xiaoqing, Li Shisheng, Liu Shengshi, Liu Pengcheng, Ye Junyi, Liu Junzhe, Gao Zhaoyuan, Wu Shiqi, Zhang Lu, Zhang Xinru, Zhao Yilong, Zhang Chenkai, Wen Aiyu, Li Yingxing, Pan Shuai, Ma Junjie, Liu Xinyang, Yan Wenxuan, Su Shuyun, Hai Saer, Zhang Jiaxin, Yang Ziyue, Wang Heng, Zhang Chuanhui, Wu Ying, Hu Erman, Reng Tingting, Zhao Yaxin, Zhang Junling, Wang Nanchuan, Pu Enguang, Zhang Yuanqi, Yang Bingjie, You Ziyi, Zhao Xiyuan, Liu Fengyi, Song Weini, Wang Jingxuan, Jin Nuoqi, Tang Hao, Zhang Yimeng, Li Xinyuan, Wu Bingyan, Liang Jinyan, Gao Xiran, Xiang Yue, Chen Mengqin, Rong Bohan, Jin Bu, Zhao Yuhan, Wang Xuanyue, Wang Yihan, Sun Hao, Yang Yijia, Wang Boran, Guo Jia, Ye Ye, Yang Jingsen, Zhao Yuhan, Niu Lincan, Yang Xinran, Liu Yueyuan, Li Ruixi, Zhao Jingqi, Tian Kexin, Xie Zihui, Niu Yilin, Ma Yilang, Long Hanxu, Li Songmian, Liu Quanling, Wang Miaoyi, Zhang Yuqi, Li Jinze, Cheng Chuan, Di Hejun, Li Runhao, Liu Siyao, Ruan Yuxuan, Yu Yue, Zhang Yilin, Shen Meijia, Yan Zitong, Tian Kexin, Dou Qingyun, Guo Meiyun, Li Xinhui, Wei Xinyue, Wei Yuhan, Xu Zimo, Zhang Wanyu, Zhao Yujiao, Zhou Jiayi

Best Organization Prize

Organization

Education Committee of Fengtai District, Beijing
Beijing Municipal Commission of Education (Feng Tai District)
Experimental School of Beihang University

Industrial Design Department, School of Mechanical Engineering and Automation BUAA
Middle School Attached to Capital University of Economics and Business
Yungang Middle School Affiliated to CNU
Fang Xingyuan Middle School
Fengtai School of the High School Affiliated to Renmin University of China
Fengtai District East Highland No. 3 Primary School
Fengtai District No. 5 Primary School
Beijing Zhao Dengyu School
Fengtai District Time Primary School
Fengtai District Xilaoyuan No. 5 Primary School
Beijing Dance Academy Fengtai Experimental Primary School
Fengtai District Children's Palace

Excellent Instructor

Organization	Name
Beihang University Culture Media Group	Li Deshun
Qian Xuesen Youth Academy of Space	Wang Bo
Experimental School of Beihang University	Feng Shuang
Fengtai District No. 5 Primary School	Zhang Hongyan
Fengtai District No. 5 Primary School	Chen Chen
Fengtai District East Highland No. 3 Primary School	Du Jinhong
Beijing No. 12 Middle School	Zhao Jingjing
Beijing No. 12 Middle School	Zhang Xiumei
Middle School Attached to Capital University of Economics and Business	Zhang Haijing

On the occasion of "China Space Day", let's learn the spirit of space and embrace the oceans of stars through these outstanding artworks.

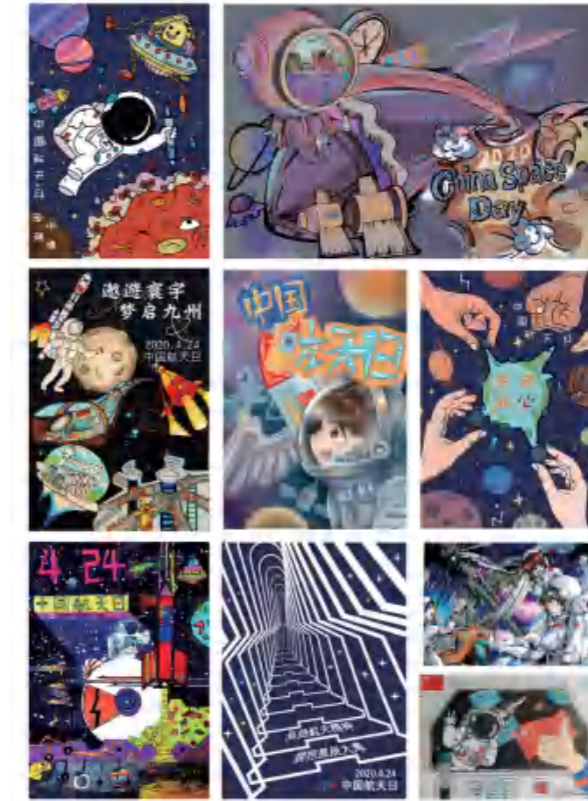
The First Prize



The Second Prize



The Third Prize



Winning Prize



China Space Day in the Eyes of the Participants

On the occasion of 5th China Space Day, we would like to share with our readers the feelings of a group of developing country's aerospace backup talents who are studying at Beihang University about China Space Day.

Space Day of China 2020: A harmonizing relation between China and Bangladesh

The "People's Republic of China" is being considered one of the biggest and active participants in outer space activities and space industries around the world. April 24, China space day remarks a historical and technological advancement of space industries and also outlines a sincere appreciation with extending friendship bonding to other countries.

Last year, China successfully landing Chang'e-4 on the Moon's oldest and deepest crater, completing the world's first soft landing on the "dark" side of the Earth's only moon created a remarkable history in the world. Manned space missions, Lunar exploration, BeiDou and high-resolution Earth observation systems, launching numerous satellites every year from its rocket launching station, etc. All these activities show a powerful nation among the best 5 countries in the space sector.

The relationship between Bangladesh and China space activities is being more closed day by day. Bangladesh is not up to the mark of



—Rubel Kanti Dey, Bangladesh,
2018 Space Law and Policy participant

space activities till, but making good cooperation with China in terms of bilateral and multilateral agreement its area of activities is progressing. Bangladesh Space Research and Remote Sensing Organization (SPARRSO); the space agency of Bangladesh is closely involved with APSCO, CNSA and using different satellite data like FY 2 from China, which still plays a vital role in space research activities of Bangladesh. A huge number of Bangladeshi students got the opportunity to study in the space-related sector in China, which resembles a positive attitude for space industry development between Bangladesh and China.

We firmly believe that, with a great intention of friendly cooperation among different countries, China will put a strong and solid step in outer space by its advanced technologies.

The day of April 24 was chosen as it marks the day in 1970 when China successfully launched its first satellite, Dongfanghong-1, which continues to orbit the Earth.

April 24, 2020 is the most important day of China space program that China has some big goals in 2020 of space program such as expecting to send over 60 spacecraft into orbit this year. After completing 34 space launches in 2019, the Chinese space program's main contractor is planning more than 40 launches to

50 Years of Continuous Growth

After 50 years of the launch of the first Chinese satellite, today the growth of Chinese space technology is evident. Since 2018, China has become the country with the highest number of orbital launches, displacing the United States after many years. Among some of the most recent achievements, we can cite the successful launch of the Chang'e 4 mission that in early 2019 reached the hidden side of the moon and immediately gave humanity the highest resolution



Chang' e Mission

start the new decade, with three major missions largely focused on completing the Beidou-3 Navigation Satellite System, lunar exploration and the network of Gaofen observation satellites.



—Nazmul Hasan Sujan, Bangladesh,
2018 Micro-satellite Technology participant

images of the terrestrial satellite. Another milestone that was not overlooked occurred in June 2019 when a Long March 11 rocket was first launched from an offshore platform, which undoubtedly brings greater flexibility in the capabilities of future launches. The launch of three new types of rockets is also expected, which are the Long March-5B, Long Marc-7A and the Long March-8 each destined for specific missions.

As a student in the remote sensing and geographic information systems area, I had the opportunity to visit some private companies that are constantly innovating in the area of space technologies and consequently expanding their influence globally. Such is the case of SuperMap, which is a GIS platform that currently provides a variety of technologies. On the other hand,

the company 21st Aerospace Technology, which is a Geo-spatial Big Data Service Provider for Chinese clients and globally can also be mentioned. Currently, its most important project called Beijing 2 consists of a constellation of 3 satellites that provide images of the ultra-high spatial resolution of less than 1 meter, they also have a network of earth stations, through which the company is capable of generating products and services for different types of clients around the world.



Figure 2. Beijing 2 project

China Space Development

China has rapid and impressive progress in space technology with military benefits, as there is the most progress in addressing its national needs, economic and commercial benefits as its space power is a driver of economic growth and technological advancement that can help change the economy to be a high-tech competitor. Space can also give economic growth directly through commercial launch services and satellite exports. To date, China has built and launched satellites for different countries including my country Ethiopia at the end of December last year, which

Undoubtedly, in the following year's China will play a very important role in the development and innovation in space technologies. I would like the advances to be focused on the sustainable management of natural resources and care for the earth since it is necessary to be well on Earth to advance well in space.



—Beymar Fernando Huchani Quisbert, Bolivia, 2018 RS&GIS participant



—DESSIE ETAGEGN FISEHA, Ethiopia, 2018 GNSS participant

is highly appreciated to build a satellite and launch in its launching center.

China has made impressive progress in space technologies. China now has a variety of missions. Space Technology is being widely applied in all aspects of our daily life, exerting a major and far-reaching influence on social production and style. China is determined to quicken the pace of developing its space industry and actively carry out international

space exchanges and cooperation, so that achievements in space activities will serve and improve the well-being of humankind in a wider scope, at a deeper level and with higher standards. China will promote the lofty cause of peace and development together with other countries. I hope other countries in the world will promote the development of space and related to China.

A brief review of Chines Space Technology

China's space industry has been flourished these days. As a foreign student in China, a point that affects me is releasing space activities for private space companies and young talents. This policy besides such great experiments that can help them to develop their targets and successes more and more. At the higher level, the government opens capacities for huge investment targets such as space science and exploration and at a lower level, private sectors focus on small and medium commercial activities and eventually new window of opportunities will appear.



—Mohammadreza Bayat, Iran, 2017 DOCSTA participant

China is Quickly Becoming a Space Superpower

The Chinese National Space Agency (CNSA) is one of the fastest-growing space agencies in the world. Since its relatively humble beginnings sixty years ago, it has come to be one of the biggest contenders in the modern-day space race.

The speed at which China is surpassing each technological hurdle spotlights how the Chinese government views space as vital for boosting the economy and promoting high-end industry and spill-off technologies. In 2014, China's State Council first mentioned the development of the private space industry, pledging to "encourage private capital's participation in China's construction of civilian space infrastructure." China is encouraging its private space startups to include OneSpace, LandSpace, Linkspace, and iSpace. iSpace, also known as Interstellar Glory Space Technology, became the first Chinese private space company to launch its rocket, Hyperbola 1, successfully into orbit on July 25, 2019. Since then, military-civilian partnerships have flourished, and private

firms have been allowed to launch from military bases.

China became the third country ever to launch a human into space in 2003 and has been expanding its space program ever since. As China looks to dominate both access and presence in outer space as part of its grand strategy of augmenting national strength and revival, we must understand the space capacities it already possesses, and the capacities it is building.



—MUHAMMAD NOMAN HASAN, Pakistan, 2018 DOCSTA participant

China Space Day and the Chinese-Pakistan Bilateral Relationship

In 2019, China has completed 34 space launches being first in the world. This is just a look at how quickly China's space exploration

capabilities have matured over the past 60 years.

In 2005 China started the Asia-Pacific

Space Cooperation Organization (APSCO) with Bangladesh, Iran, Mongolia, Pakistan, Peru, Thailand, and Turkey with the focus "to promote and strengthen the development of collaborative space programs among its member states by establishing the basis for cooperation in peaceful applications of space science and technology."

In 2011, as part of Pakistan's Space Program 2040, the Chinese & Pakistan engineers manufactured PAKSAT-1R, which was a milestone in China-Pakistan space ties. The satellite has a lifespan of 15 years, during which time it will provide communication services across South and Central Asia, Eastern Europe, East Africa, and East Asia.

The two countries also signed a road map for space cooperation between Pakistan's Space and Upper Atmosphere Research Commission (SUPARCO) and the China National Space Administration (CNSA) in 2012. As part of their cooperation on space missions, Pakistan has expressed its willingness to send a Pakistani astronaut into space on a Chinese spacecraft by 2020. China has also successfully launched PRSS-1 & PakTES-1A two remote sensing satellites for Pakistan in 2018, and in April 2019 China and Pakistan signed a space exploration agreement marking a new phase of space science cooperation between the all-weather allies.

China has proposed the construction of a "Space Silk Road" to expand its Belt and Road Initiative (BRI), including the world-class

China-Pakistan Economic Corridor, into a three-dimensional super project (space, land and water). In Space Silk Road, China's Beidou satellites would help navigate submarines to aircraft and connect all BRI countries.

The bilateral link between the two countries in space has opened up new perspectives for socio-economic and scientific cooperation, boosting their historically cordial bilateral relations in other areas. In the 21st century, space technology is crucial for socio-economic development, infrastructure modernization, agricultural production, and urban planning. Pakistan's space program will greatly benefit from China's advanced technology. The transfer of Chinese space technology will certainly help Pakistan to make progress in both defense and economic areas.



—Muhammad Shan-e-Hassan, Pakistan, 2018 GNSS participant

On the occasion of the official Space Day of China, I am delighted, on behalf of the Thailand Student at Beihang University, to express our heartfelt congratulations and best wishes to the space industry in China to be sustainable growth and completion of all your mission.

China has come a long way in its exploration of the space since 8 October 1956 by founded the country's first rocket research institution, and China has been developing tirelessly. 1964 the first biology rocket launched, 1968 Institute of Space Medico-Engineering established for the training of astronauts, 24 April 1970 Don Fang Hong-1 Satellite launched. Many space activities have been achieving, and China became the Fairy state.

On the other hand, China has been stepping into international space through both bilateral and multilateral cooperation since 1980, to begin to take part in the work of the Committee on the Peaceful Uses of Outer Space of the UNCOPUS. China acceded to the four main Space Treaties: the 1967 Space Treaty, the 1968 Rescue Agreement, the 1972 Liability Convention and the 1975 Registration Convention. China also is a party to INTELSAT and INMARSAT and so on.

Furthermore, China also cooperates with Thailand by multilateral in Space Technology and Applications between Chin-Asia Pacific for growth of space activities in the Asia-Pacific region, held in Beijing in December 1992. For more than 28 years China and Thailand became more closer to cooperation in Space Activities

together, China has been supporting Thailand by free access to use its satellite for weather forecast which effect to many business part or agriculture in Thailand growth. China also transforms its space knowledge for Thai people to use the knowledge to develop the Thailand space industry. I also gain space knowledge from China; both technical, policy, and international space law. I also use this knowledge to drive space policy to liberalization and sustainable growth. I have understood China better to this education, and this understanding helps China-Thailand to have a better relationship between China-Thailand.



—Arpawadee Nuntree, Thailand,
2018 Space Law and Policy participant

China's space technology, based on the 5-year development program published in 2016, continues to impress the world. It took a considerable lead by raising the myth on the far side of the Moon with the "Goddess Chang'e-4" probe.

With the success of the Launch of the Long March 11 rocket in the Yellow Sea, the Chinese space industry reaffirms the reliability of maritime launch. To date, China can boast of having one of the largest global satellite coverage with BeiDou's constellation. The future of Chinese space technology holds great promise with projects ranging from orbital solar power plants to space tourism passing by the nuclear-powered space shuttle project.

China's aerospace industry has been booming for half a century, standing on a new historical starting point, let's boost China's aerospace industry to create a new glory!

Work appreciation of "Study at Beihang - In the Days of Fighting the Epidemic"

On February 10, 2020, the "Study at Beihang - In the Days of Fighting the Epidemic" notice for soliciting works was released, aiming to collect videos, articles and other forms of work through the Internet, popularize scientific epidemic prevention knowledge, and promote the stories of Beihang international students under such a particular situation to build their confidence, unite their strength, encourage them to record what they see and think in the "anti-epidemic" life, and to promote the positive energy and express their resolution to fight against the epidemic. Since the commencement of the event, we have received more than 30 excellent works with rich content and diverse forms. Today, let us appreciate the works from participants of the Centre.

Many countries are partners with China for special ambitions and we hope that in the coming years our country Togo will be among the Chinese partners.



—HOUNKPATI AKOUETE JULIEN, Togo,
2019 Micro-satellite Technology participant

Chinese New Year 2020 and Coronavirus

The outbreak of the new coronavirus began in China along with an important holiday in Chinese culture: the Lunar New Year. Celebrating the lunar New Year usually calls for outdoor marches and festivals and lanterns throughout the city, as people gather with their families to celebrate the annual holiday, but in light of the virus that has killed many people and infected them in many cities across the country, they are forced to cancel one of the most important cultural events of this year.

The World Health Organization announced that the virus became a global health emergency on January 30th, and considered it an “exceptional event” that posed a threat to other countries and required a coordinated international response.

Gradually, the guiding principle became tougher at the university where the movement of all students on campus was restricted, and I decided to return to my home country until the date of the resumption of the spring semester is announced. This virus does not care about religion, limits, country and boarder. In this entire scenario, I continued to tag along with the daily update and information online from the International School, Beihang without any time limits. In this disastrous epidemic, many Chinese medical doctors, nurses and staff are working round the clock and are determined to tackle the deadly coronavirus.

I was missing my crucial study sessions, but Beihang never left us alone, International School and officials have sought to keep student learning — at home. Beihang fashioned many ways to give students access to video conferences and ready-made lesson plans. Beihang makes sure to meet student’s academic requirements remotely, and no doubt they are paying special attention to all students. Universities are implementing online learning indefinitely and Beihang is one of them, facilitating to all students to continue their studies from their home and its a better way to stay away from the coronavirus. Professors, teaching staff, teachers all are putting their utmost efforts to facilitate us. Beihang has



taken up preventive measures to protect students from coronavirus, and provided access to many of the knowledge networks around the world using E-library during this epidemic to enable us to have better understanding and to have access to books and research papers.

I am in contact with all my friends living in BUAA, they informed me with efforts of

Beihang. CSF market make sure necessary foodstuff available in massive quantities, also International School providing protective masks, water and other daily necessities.

February 10th onward the university notified us of our daily health status update via mini programme designed for students of BUAA. That is another level of care for the students to keep a track record of student’s health and safety.

Many thanks to BUAA staff and International School know that we are not just students but an important part of the whole China family; they care about all students individually also taken active measures to prevent the virus. The competency of BUAA and IS team is inspiring during the hard time, and I couldn’t have been luckier that I am part of this family. I’m extremely pleased with the top-notch care I received from Beihang even though I am not residing in china these days.

Inspiring, loving messages from Pakistanis are pouring in; it is hard not to be moved by the support and friendship shown by Pakistani people to China amid the country’s all-out battle against the epidemic since late January.

My thoughts and prayers are with the government of the People’s Republic of China and BUAA Students. My deep condolences for the loss of people’s lives and sympathy for him. As an International Student of BUAA, I firmly believe that the government of China will be able to conquer the coronavirus with the utmost sincerity, ability and control.

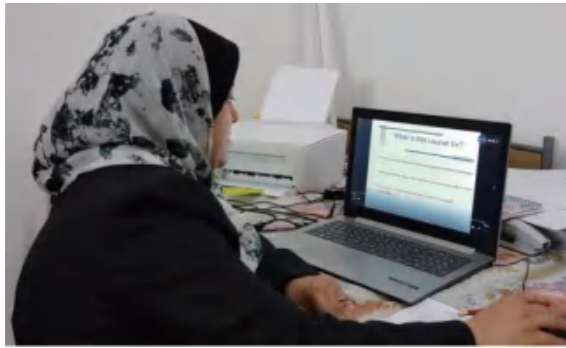


—Hafiz Usman Ahmed Khan, Pakistan,
2019 RS&GIS participant

My Chinese Memories

I am so lucky, when I have been chosen as a Ph.D student at Beihang University in 2019, it was my dream to follow-up and increase my knowledge in Space Science Technology. Since the first day for me at Beihang University, I found support from Beihang staff especially the Dean of the International School, Professor Weng, Mrs. Guo and Ms. Yang.





Distance Learning

The first semester has started and a supervisor has been appointed for me, Professor Tan. I have every respect for her prompt pursuit of me first-hand and my support, whether by choosing the correct subjects to study or moral support, as I was away from my husband and my kids for the first time in my life.

I decided to join my family in Saudi Arabia and I did not know that God had chosen this for me just some days before the outbreak of the coronavirus. I always followed the news from China and how much it hurt for the fallen victims, and I was always praying for China to win the war against this virus.

I was proud when I listened to the news that I was receiving, whether from my Chinese friends or from foreign students who decided to stay in China about the intensive follow-up by the university of student affairs, whether health or life and follow-ups to secure their daily requirements.

I sent a supporting letter to China embassy in Jordan with other Jordanian students who were studying in China, and many articles were published in the Jordanian Newsletters about how China fighting coronavirus and how China impressed the world with their advancement in the medical field, and the efficacy of the decisions and actions taken by the Chinese authorities.

Despite the severe conditions in China in the face of the coronavirus, the university is in constant contact with me to check on my health status and I was requested to provide the university with a health report on a daily basis.

As for educational attainment, the university is in contact with me in terms of securing requirements for distance learning, sending lectures and scientific materials, receiving responses to feedback, and providing advice and guidance.

There is no doubt that humankind will overcome this pandemic by concerting efforts, capabilities and support for medical efforts in finding the treatment, drugs and vaccinations needed to confront the coronavirus.

China, my lovely Beihang University, thanks from the deep of my heart.

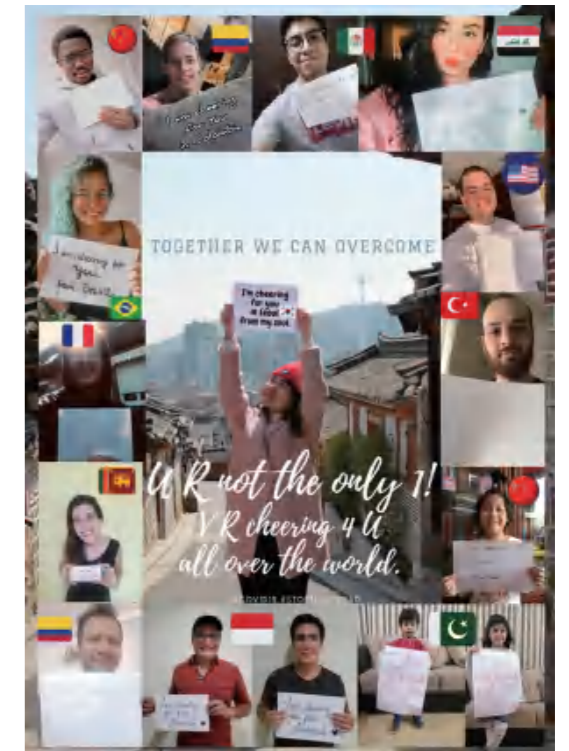
God Bless China and all humanities.



—Nivin Hasan, Joardan, 2019 DOCSTA participant

Cheering for You

The thing that you don't want it to happen, the thing that you have never thought it will happen and one thing is the coronavirus or COVID-19, it has been spreading around the world. It doesn't have a nationality, country or whatever. Many people infected and died from it. Many countries have been locked down for a long time. People cannot go out and walk on the road normally. Some people have to stay away from their family, some people have to work at home. Students have to study online. Doctors have to work hard because of hospitals overwhelmed with COVID-19 patients and some people even don't have enough masks to use in every single day. Stress is a normal thing that can



—Sukolratana Chuansomboonsiri, Thailand, 2018 Mircro-satellite Technology participant

happen. And this project is started because of my purpose, that I would like to cheer people in every corner of the world. I think cheering is a precious thing that you can give to someone. This poster cannot happen without my friends all around the world. I was thinking that if coronavirus can spread around the world, we can spread our love, cheering, good vibes to each other around the world too by sharing this poster or you can use this idea to do on your own. I am glad that people would like to hearten each other. If you read my article until this, I would like to tell you, "You are not the only one and we will pass this time together", we are cheering for you from all over the world, and I believe together we can overcome anything.

Spread Love

It hurts me, when I see millions looking for bread

It hurts me, when I hear thousands of death

It hurts me, when I hear thousands on bed

It hurts me, when I hear corona spreads

I m sorry, you have cough and fever

Fight and don't pass away forever

We are so hollow without you

Look, there are many people waiting you

There's millions of them,they've given up everything

Parents,husbands,wives, and even babies and children

They are soldiers, doctors, nationals, even foreigners

Fighting without rest in this darkness

Immense love for all these angels

We missed good moments

Smiling and kissing

Holidays and festivals

But, I believe that,

Masks are falling

Winter is going

XiaoKang is near

Prosperity is coming

Since belt and roads are linking all countries,

We must stop things killing our love

Discrimination is not precaution

China is not corona

Africa is not Ebola

Let's stand up together,

ALL

To built a great wall

So strong

That viruses will never get through

Let's fight together

As we did in the past years, with H1N1, SRAS,

Ebola

Let's use Wuhan's ink to write love pages of our history

Coronavirus is our common enemy,

And we all are soldiers in this war

I m calling for

Worldwide Union Hands Against New coronavirus

Wuhan jia you !

Zhong guo jia you !



—ABALO, ESSOHAN EYOUEMOU, Togo,
2019 Micro-satellite Technology participant

Study at Beihang - in the Days of Fighting the Epidemic

Me: [coughing sound]

My roommate: Girl! Have you heard the news?

There is a killing virus spreading all over China!

- Really? What are the symptoms?

- Fever and coughing.

- [poker face] Emmm... Ok! So we should be careful.

- Yeah specially you! Because you are just recovered from tonsil infection.



—Aishin Barabi, Iran,
2018 Space Law and Policy participant

This was the very first dialogues about Corona virus that I can recall. There was fear growing among everyone in the society. It was Chinese New Year and the winter vacation had just started. I had a ticket to go back to my home. The news kept telling that traveling is the worst thing to do in this circumstance. The airports are one of the main potential centers for this virus and you should avoid the crowded places.

There were days that no mask can be found in any store. Exactly the night that I went out to look for mask store by store, my supervisor called and asked if I had mask or not. "Of course not" I said. She replied "Stay inside the dormitory I am bringing you some masks." She came with her 10 years old daughter covering their faces with big masks and wearing pajamas but looking like angels for me in that situation! They brought me a bag full of masks and sanitizer. She told me don't worry and just stay at dormitory and if you want to go back its better to go now since the situation can get worse. But be careful about sanitation during your travel. I thanked her and went inside. After consulting with my friends I decided to take the risk and go to stay with my family. My flight was the next day so I immediately started packing. I kept some masks for my flight and shared the rest with my friends and roommates. At the airport I felt like I am at the war and surrounded by enemies who are trying to kill me! I wore gloves and mask and I changed them frequently trying to avoid touching my face like I had no hands. I kept my distance from everyone. Hopefully the plane was not crowded thus I was able to choose a seat in an empty area. When I met my family at the airport I just said hello without any hugging or kissing. I avoided getting close to them for 14 days. Fortunately, I traveled safely.

It has been a month that we are stock in our homes and we celebrated Persian new year 3 days ago indoors without visiting our relatives. There is no mask in the shops and I am baking bread for my family every day. It's like history happening all again... I hope the world will recover fully soon from the coronavirus, and we would be able to get together at the beautiful Beihang soon!

Beihang's Eventful History

Oh... Beloved Beihang,

Keep in mind your history to the memory of all beihangers
You've tackled the spread of Coronavirus
And well saved the precious lives of us

Keep in mind your great sympathy to all our hearts
You've provided all necessities of our demands
And well declared the campus is free of virus

This is your victorious battle go down in the eventful history!
Bless your courageous, self-less, giving hearts!

Mr. Covid 19,

Keep in mind your risk to unforgiving olden times
You know no national boundaries or races
You made some of our families in isolation
You obtained our tears and hurt hearts.

Keep in mind you'll be never allowed back
We'll not let you any bits of tolerance again
We all are willing to live in very certain lives
Now is to put your last time-spam in the ground

Dear World,

Climate change is anthropogenic. Not a conspiracy.
Coronavirus is also not man-made; It's just a bit more chaos.
Don't try the truth has been taken from us.

I beg all students to be extremely careful before we totally
win the battle.



—Nyi Nyi Linn, Myanmar,
2019 DOCSTA participant

“The Children of Adam”

An epidemic is the rapid spread of disease to a large number of people in a given population within a short period of time. A pandemic is a disease epidemic that has spread across a large region, for instance multiple continents, or worldwide. This is the definition you can find in Wikipedia about an epidemic and pandemic. Although, you can always find another definition for a word.

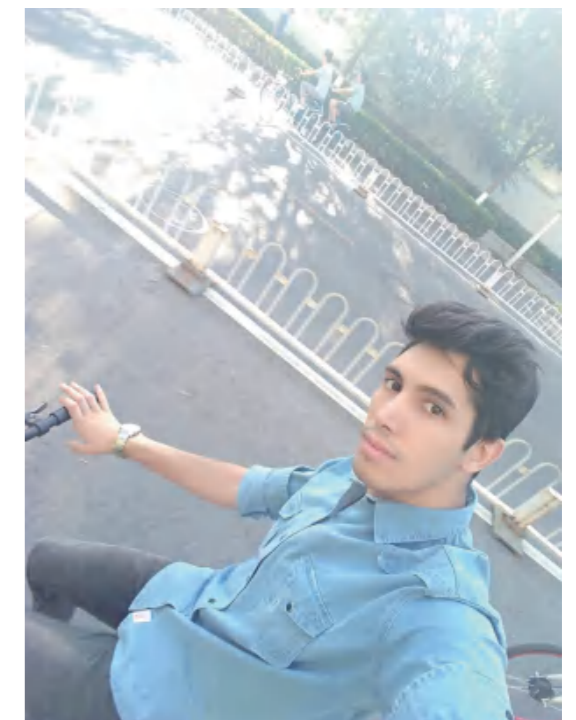
As the great Persian poet, Saadi of Shiraz said, meanwhile the disastrous situations happen in the world and while the dark clouds take the sky, the light of love starts to spread. The experience of the COVID19, even though, started with the spring festival in chinaChina and dried out the flowers of happiness and joy of a beautiful new year, but it reinforced the bounds and friendship in between us.

Since the first day of the pandemic, everyone started sharing as many as possible masks among the friends and the ones in need. In addition, many people volunteered and rushed to Wuhan for help. The atmosphere in chinaChina turned from pure panic and stress to hope and cooperation.

Beihang university also is no exception. Since the first day, they started taking safety measures. As a student of the Centre, they did a great job as well. Specially, Ms. Yang & Mrs. Guo's effort are admirable. They have been in full contact with us and tried to provide us all the official announcements and the latest regulations for us in English so we be aware of the updates on the situation. Besides, they have been following up the student's daily health report to assure our well-being.

Since the time semester started, I am really grateful of them as it didn't feel any different from previous semesters during the process of selecting the courses and issues related to coordination of the classes, the classes are being held on a regular basis without any problem, it is such a delight that all the teacher especially my supervisor was in full contact with me and even my research for my PhD thesis also faced no obstacle. During this difficult period of time, it is great to have the classes to engage our mind with it and distance us from the stress and fear of the harsh situation outside.

Therefore, based on the experience of living and studying in chinaChina during this period, an epidemic



—ALIKHAH MISHAMANDANI, AMIR HOSSEIN, Iran,
2019 DOCSTA participant

and pandemic, might makes the situation hopeless and depressing, but the giving the courage always makes us to move forward to feel less vulnerable and more hopeful for a bright future. Thus, I can define a Pandemic as fast spread of love and friendship among the humanity and a reminder of the ethics in life.

中国加油，大家加油！

One thing that unites the whole world is humanity.
Our humanity makes us fragile, transient
But also makes us strong, resilient and empathetic
May the diversity and hardship make us stronger
May we learn from the hard times and always evolve
May we look to our neighbors with compassion and understanding
We all live in the same planet, we all share one home
We're all connected
There's unity in diversity
And the unity will help us go further



—Ana Paula Castro de Paula Nunes, Brazil,
2018 Space law and Policy participant

Good Morning Beihang!

It was my first croon when I saw the sun awakening Beihang on the spring morning of March 30th 2020 at 6:23.



It has been more than 2 months from the beginning of the crisis. But the sun does not care. You can see the blossoms of sunshine kisses on the trees everywhere and smell the aromatic breeze of this romance. Such a peace!

Yes! It comes across. Where ever you are it will be there. Quarantine does not stop love nor beauty. So, it cannot stop joy as well. And what else do I want for life?

You know what? It is where ever you are. Whenever you are in love. It starts from you. It is created by you. It is seen by you and it is felt by you, it wants to be seen by you and its story be told by you.

I was thoughtful this way that morning and asking myself why it can seem so hard sometimes? Maybe we are searching for the joy somewhere else. Isn't it inside of us? If it is somewhere else, I think it would be very unreliable and unstable and could not bring a real joy.

Besides, as an engineer and a student who study science, I believe it is not as worse as it could be. For instance, the 1918 flu pandemic was the cause of about 100 million death around the world. Today hopefully with the great advancement in the health science, technology, and management we are able to deal with this kind of crisis more efficiently than before and we are also continually learning from the nature and becoming more knowledgeable and experienced through these adversities.

We would learn how interconnected we are as a whole. How important it is to work together for a better and safer future. Now we can better understand how much we need the system thinking and why the health and the life quality of every person is important and related to any other people around the world. We would understand how responsible we are about whatever happening around us.

Now we should be very more careful about next crisis and those things that are suggested would able to even threaten human life on Earth. Global warming, deforestation, species extinction, soil



—Elyas Fadakar Kasari, Iran, 2018 DOCSTA participant

degradation, etc. maybe not so rapid and acute like coronavirus but harder and longer to be recompensed.

Here at Beihang university, we indeed practiced a small version of all happening in the entire world. As a leading university in China where people expected to act wiser, all of us

from teachers and staff to the students from different nations cooperated with each other selflessly and inexhaustibly to do our share for ourselves and the community. Despite the quarantine in the campus we have never experienced a real shortage in supplies and everyday life is getting quite similar to a normal condition very fast.

Sooner or later this crisis will end, but I would like to learn from it as much as I can, and use this time to understand the value of the things that I still have or I missed.

Study at Beihang— in the Days of Fighting the Epidemic

Since January 2020 until today (March 30, 2020). I have been close interaction with the International School team and Space Law professors. I sincerely appreciated all the great care of Beihang, especially clear information and practice guidelines to fight against coronavirus.

I have learned from the International School, Beihang University and professors in the epidemic period; they work smart and able to handle the critical situation. I bring all Beihang knowledge and procedure about the method of controlling the dangerous coronavirus situation to my office in Thailand. Such as social distancing, wear a mask and work from home and stay in touch together.

Furthermore, I deeply thankful for the Dean of International school, Miss Yang, Mrs. Guo and Mr. Wang, for the great effort and help. They have also been working hard and smart to collect health information data of International Students and provide valuable information in the Epidemic period. Besides, I thank all great effort from Professor Gao Guozhu, Professor Xia Chunli, and other Space Law professors for the information of the current coronavirus epidemic situation, thesis suggestion, and all their kindness.



—Arpawadee Nuntree, Thailand,
2018 Space Law and Policy participant

Finally, DEEPLY THANK YOU, CHINA, for all charity and BEIHANG for all your hospitality. I hope the epidemic situation will pass soon, and our life is normal again. Take care all the best of your health. STAY STRONG TOGETHER.

加油!

Design Presentation

Far from being a political secret, news of the health crisis quickly spread as early as the dawn of 2020. Fear, anxiety, panic, stress and desolation set in the hearts and minds. The new virus called “COVID-19” has arisen and is in full swing. It was then that he made and continues to make many victims both in China and in other countries of the world. The Chinese government has declared a state of emergency and all provincial and municipal authorities must be able to curb the spread and provide the most appropriate care for the sick.



—HOUNKPATI AKOUE TE JULIEN, Togo,
2019 Micro-satellite Technology participant

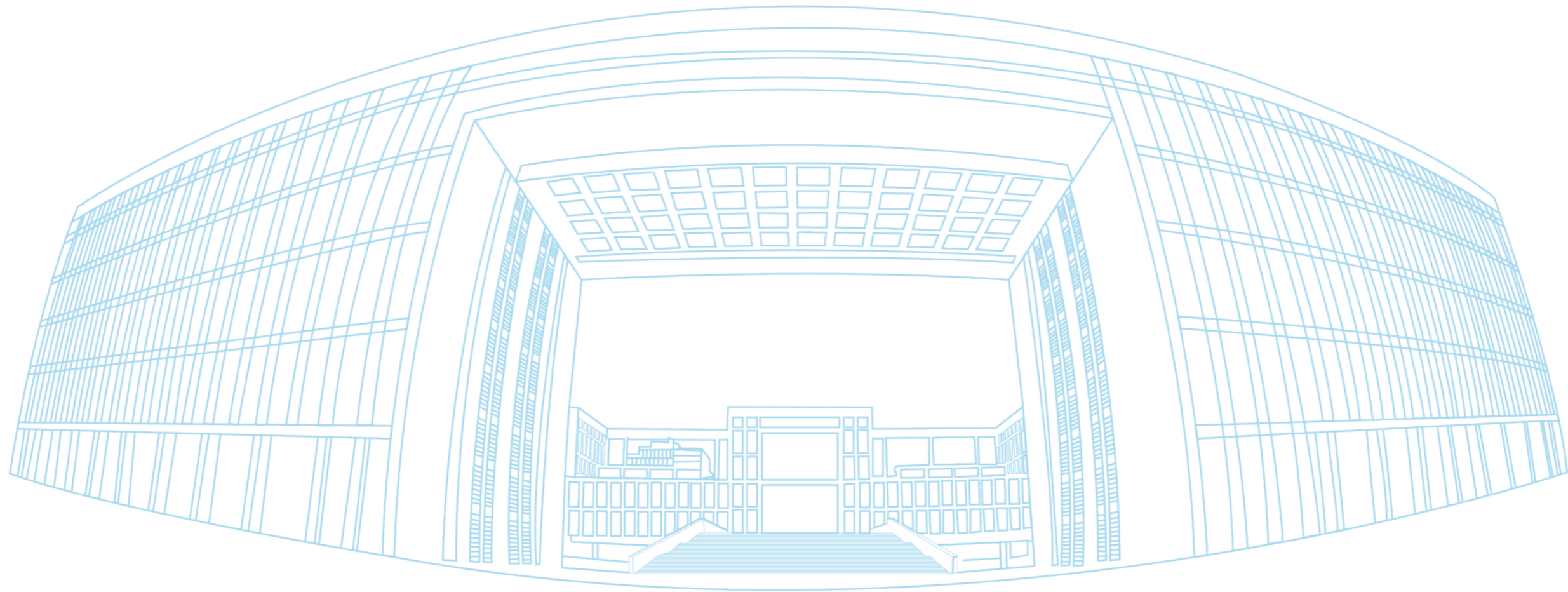
This concept is in the same vein. Encouraged by Beihang University to promote the positive energy of society, and to express their determination to combat “epidemic”, I present our T-shirt design: 《Wùhàn 加油 Zhōngguó 》 .

Additional Words

This issue of *Newsletter* records the anti-epidemic work of the Centre from January to March 2020, including four (4) sections: Admissions and Education, Daily Management, Cooperation&Exchanges and Online Activities, covering the great amount of work the Centre has done since the outbreak of COVID-19 to ensure participants' online learning, normal life and successful graduation.

Since the outbreak of COVID-19, the Centre has attached great importance to the implementation of the responsibilities, adhered to do a good job of publicity and mobilization, carried out joint prevention and control measures, and made every effort to solve the difficulties and inconveniences of the participants' study and life caused by the epidemic. Under the solidarity of teachers and students, positive results have been achieved in the fight against the epidemic. Participants successfully realized the effective combination of online courses and offline self-study, and their daily life has been carried out in an orderly manner.

At present, the COVID-19 epidemic has not completely ended in China, "half of the people who have embarked on a one hundred mile journey may fall by the wayside". Thus, under the current situation, we must continue to strictly comply with the epidemic prevention requirements of Beijing and Beihang University, no laxity, no fluke, continue to do the daily protection work of our own health well, and at the same time, persist in studying hard to complete our studies. We looking forward to a time shortly when we can completely defeat the COVID-19, take off the mask, and laugh heartily under the bright blue sky.



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