



GNSS Education and Training progress in 2016

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

November, 2016 Sochi, Russia

- 1** **Overview**
- 2** **Education and Training**
- 3** **Capacity Building**
- 4** **International Exchanges**

Overview

Beihang International Space Education Center
(2004)

Ministry of Education approved the establishment of graduate international program for space technology applications at Beihang University in 2006

Beidou International Exchange
and Training Centre
(2012)

Asia-Pacific Space Cooperation Organization
Education and Training Center in China
(2013)

The Regional Centre for Space Science and
Technology Education in Asia and the Pacific
(China) (Affiliated to the United Nations) (2014)

Status of RCSSTEAP



联合国附属空间科技教育亚太区域中心

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



Algeria



Argentina



Bangladesh



Bolivia



Brazil



China



Indonesia



Pakistan



Peru



Venezuela

10 Contracting Parties

- 1** Overview
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- 3** Capacity Building
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2.1 Degree Programs

19 students graduated in June 2016.

Master' s Degree: **17**

- GNSS **9**
- SATCOM **4**
- Micro-Satellite **4**

Doctoral Degree: **2**



2.1 Degree Programs

Master/ Ph.D Degree Programs 2016

Applicants **75** Accepted **60** (After Video Interview)

Remote Sensing and GIS **15** Counties **11**

Global Navigation Satellite Systems **17** Counties **14**

Space Law and Policy **15** Counties **10**

Accepted **14** Ph.D Candidates in Space Technology Application from **9** Countries

All courses are offered in English

The candidates already registered at Beihang University in Sept. 2016

2.1 Degree Programs

Professional/Technical Visits



2.2 Short Training Programs in 2016

| No | Topic | Date | Participants | Counties |
|----|--|----------------|--------------|----------|
| 1 | China Remote Sensing Technology and Data Applications | March 20-30 | 46 | 13 |
| 2 | International GNSS Seminars "GNSS Courses for curious minds" | May 8-20 | 31 | 15 |
| 3 | Beidou Technology and its Applications | July 11-30 | 37 | 15 |
| 4 | Space-based Technologies for Flood and Drought Monitoring and Risk Assessment | Sept. 22-27 | 28 | 19 |
| 5 | Space Information Engineering Application | Oct. 14-16 | 45 | 16 |
| 6 | Navigation and Positioning Satellite System Design | Oct. 31-Nov. 8 | 30 | 12 |

Training Program on China Remote Sensing Technology and Data Applications

Mar. 26-30, 2016

Participants: **46**

Counties: **13**



Cui Yufu
China Spacemat Co., Ltd

Wang Jinnian
China RSGeoinformatics Co., Ltd

Ni Jingsheng
Beijing Aerospace TITAN
Technology Co., Ltd



Xu Liping
Beijing Space View
Technology Co., Ltd

Li Sujun
National Disaster
Reduction Center of China

Zhao Jun
Beijing Space View
Technology Co., Ltd

Liu Xiang
Beijing Aerospace TITAN
Technology Co., Ltd



Lu Yaxun
Beijing Aerospace TITAN
Technology Co., Ltd

Zhu Jidong
Beijing Space View Technology
Co., Ltd

Hao Rong
PANSAPCE-Beijing Panorama
Space Technology Co., Ltd

International GNSS Seminars "GNSS Courses for Curious Minds"

May 8-20, 2016

Participants: **31**

Counties: **15**



International Training Workshop on Beidou Technology and its Applications

July 11-30, 2016

Participants: **37**

Counties: **15**



International Training Course on Space-based Technologies for Flood and Drought Monitoring and Risk Assessment

Participants: **28**

Counties: **19**



UN-SPIDER Beijing Office
Dr. Shirish Ravan



Iranian Space Agency Expert
Abdolreza Ansari Amoli



National Disaster Reduction Center
Dr. He Haixia



National Disaster Reduction Center
Dr. Li Suju



IWMI Expert
Giriraj Amarnath



National Disaster Reduction Center
Dr. Liu Ming

International Training Course on Space Information Engineering Application

Oct. 14-16, 2016

Participants: **45**

Counties: **16**



International Training Course on Navigation and Positioning Satellite System Design

Oct. 31-Nov. 8, 2016

Participants: **30**

Counties: **12**



International Workshop on GNSS

Aug.3-18, 2016 Held at Obafemi Awolowo University, Nigeria



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Capacity Building



Seminar Room

International Experts in 2016



Andrew Dempster
Professor
Australia



Michael Braasch
Professor
U.S.A



Maarten Uijt de Haag
Professor
U.S.A



Olivier Julien
Doctor
France



Renato Filjar
Professor
Croatia



Macabiau Christophe
Doctor
France



Laurent Azoulai
Doctor
France



Liu Zhizhao
Professor
Hong Kong



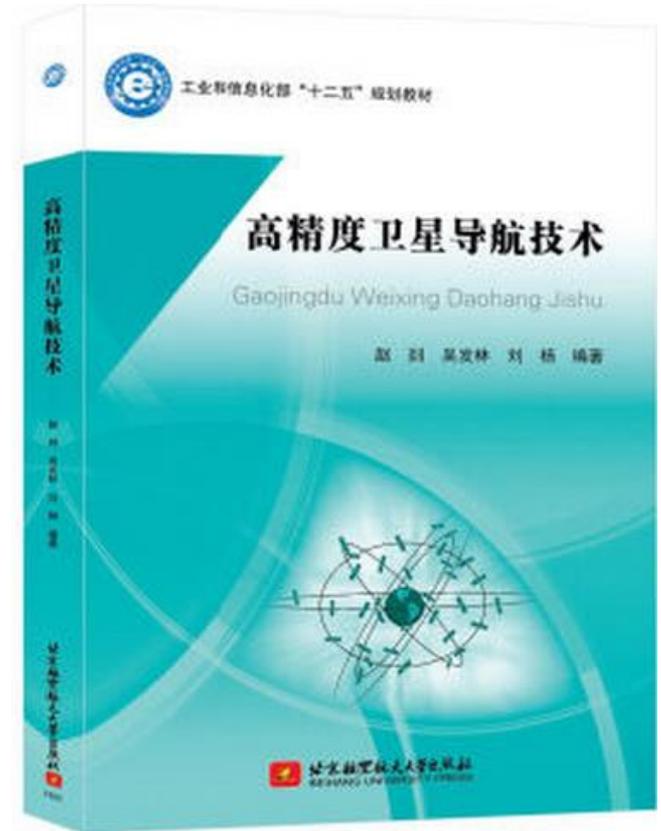
Wang Jinling
Professor
Australia



Ling Keck Voon
Professor
Singapore

➤ *Global Navigation Satellite System-Principle and Applications*

➤ *GNSS Experiment*



Website

http://www.rcssteap.org

联合国附属空间科技教育亚太区域中心
Regional Centre for Space Science and Technology Education
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Down to the Earth
while Aiming High

Algeria Argentina Bangladesh Brazil China Indonesia Pakistan Papua New Guinea

最新资讯 LATEST NEWS

Training Courses on China space remote sensing technology & ...
The Training Course in 2016 (2016-11-09-11-18)

中国载人航天技术国际研讨会暨国际空间站论坛
2016年11月，由国际空间技术委员会和中国载人航天工程局联合主办的“中国载人航天技术国际研讨会暨国际空间站论坛”在天津举行。

2016年度技术委员会第六次全体会议（十一月 22-26日）
2016年11月22-26日，国际空间技术委员会第六次全体会议在天津举行。

最新公告 LATEST ANNOUNCEMENTS

04/02
2016
中国载人航天技术国际研讨会暨国际空间站论坛
2016年11月22-26日，由国际空间技术委员会和中国载人航天工程局联合主办的“中国载人航天技术国际研讨会暨国际空间站论坛”在天津举行。

24/01
2016
2016年度技术委员会第六次全体会议
2016年11月22-26日，国际空间技术委员会第六次全体会议在天津举行。

03/06
2016
Workshop on the Global In-Situ
Mission 4.0
Workshop on the Global In-Situ Mission 4.0
Workshop

03/21
2016
中国载人航天技术国际研讨会暨国际空间站论坛
2016年11月22-26日，由国际空间技术委员会和中国载人航天工程局联合主办的“中国载人航天技术国际研讨会暨国际空间站论坛”在天津举行。

Newsletter

The Newsletters of RCSSTEAP



Brochure



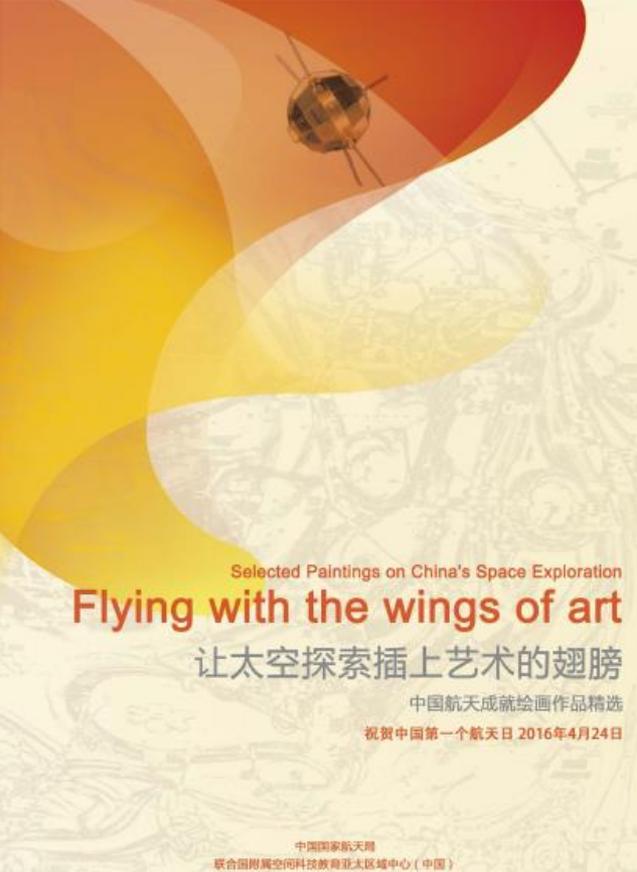
Down to the Earth while Aiming High

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Algeria Argentina Bangladesh Bolivia Brazil China Indonesia Pakistan Peru Venezuela



Selected Paintings on China's Space Exploration

Flying with the wings of art

让太空探索插上艺术的翅膀

中国航天成就绘画作品精选
祝贺中国第一个航天日 2016年4月24日

中国国家航天局
联合国附属空间科技教育亚太区域中心(中国)



1 ABOUT RCSSTEAP

 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)



- **The Establishment of RCSSTEAP:** November 17, 2014
- **Mission:** Promoting the peaceful use of space technologies for the benefit of all humankind.
- **Vision:** Down to the Earth while Aiming High

2013.2
The 50th session of Scientific and Technical Subcommittee of UN Committee on the Peaceful Uses of Outer Space (COPUOS)

2013.9
Evaluation Mission by UNOOSA to Beihang University

2013.6
The 55th session of COPUOS

2014.3
The State Council of China approved the proposal to establish the Centre at Beihang University

2014.6
The 56th conference of COPUOS

2014.7
Paid a visit to the Centre in Morocco

2014.9
Attended the 65th International Astronautical Congress (IAC)

2014.10
Signed agreements with member states

2014.11
The Inauguration Ceremony The 1st Meeting of the Governing Board

- 1** **O**verview
- 2** **E**ducation and Training
- 3** **C**apacity Building
- 4** **I**nternational Exchanges

Visit IIRS/CSSTEAP in India

January 4th-5th, 2016



Mr. Sergio Camacho Visit RCSSTEAP

Sept. 2016



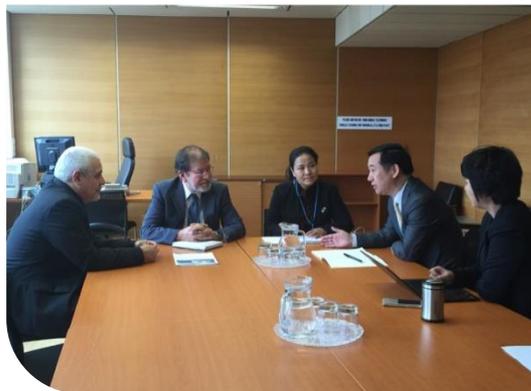
Conference among the Belt and Road Countries about BDS Services

May 2016



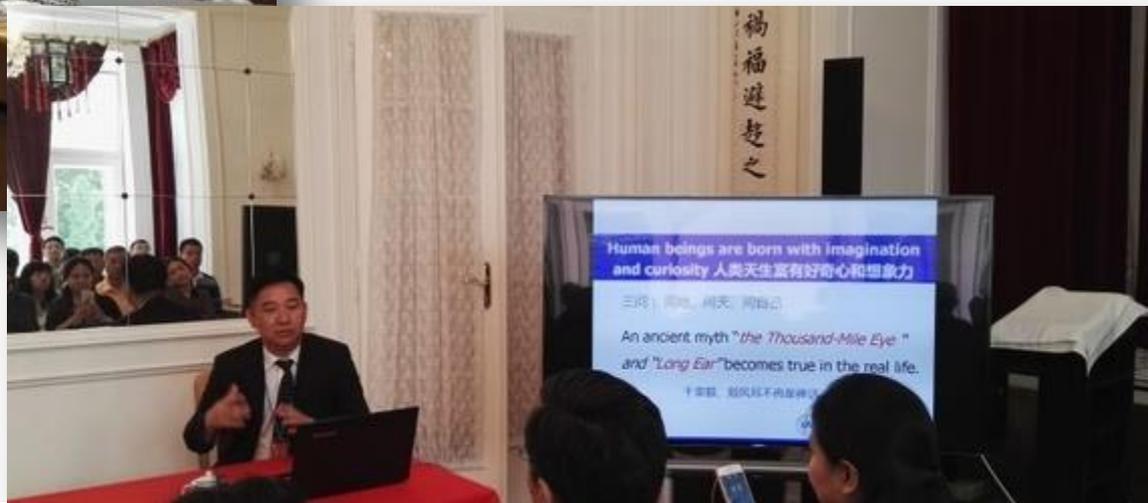
The 53rd Session of STSC of UNCOPUOS

Feb. 2016



The 59th Session of UNCOPUOS

Jun. 2016





Thank you for your attention

联合国附属空间科学与技术教育亚太区域中心（中国）
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