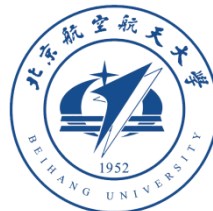


**Short Training Course**  
***“BeiDou/GNSS technologies and applications”***  
**(2<sup>nd</sup> Announcement)**

**Organized by**



**Sponsored by**



**Beihang University, Beijing, 20-29 April 2015**

## **About the International GNSS Seminar**

The International GNSS Seminar on BeiDou/GNSS technologies and applications is organized by Regional Centre for Space Science and Technology Education in Asia and the Pacific (China) (affiliated to the United Nations) and Beihang University, aiming to promote training of early career researchers and professionals involving research and development and application of Global Navigation Satellite System and BeiDou technologies.

The objective of the ten-day seminar is to provide a comprehensive overview on selected areas of GNSS theory, hardware, software and applications. The seminar is open to postgraduates, PhD students, and early career professionals who wish to broaden their GNSS knowledge and discuss with renowned experts in their research directions and their research problems.

Internationally renowned experts are invited to give lectures on several selected topics, covering system design, ground-based and space-based augmentation, terminals and algorithms, and application technology. In addition to the overview, each lecture will also introduce their contribution to the field and provide perspectives on research challenges, trend and tangible research topics.

The agenda may also include organized informal presentations by participants and interactions with speakers. Technical visits could also be part of the seminar.

### **Indented audience**

- Postgraduate students
- PhD students
- Post-doctoral researchers
- Junior engineers
- Any researchers who wish to broaden and enhance their knowledge and skills.

**Lecturing Language:** English

**Date:** 20-29 April, 2015

**Venue:** Beihang University

### **Co-Sponsor**

- Ministry of Foreign Affairs of China
- China Satellite Navigation Office
- State Administration of Science, Technology and Industry for National Defense
- China Great Wall Industry Corporation
- CPGPS (International Association of Chinese Professionals in Global Positioning Systems)
- CENC (China-Europe GNSS Technology Training and Cooperation Center )

**Professional visits**

- Beijing UniStrong Science &Technology Co.
- Beijing BDStar Navigation Co.,Ltd
- China TransInfo Technology Co., Ltd.
- Beijing SuperMap Software Co., Ltd.

**Sponsorship**

The sponsorship of the program is open to more academic, industries and governmental organizations.

**Any enquires on program**

Ms. Xiu Chundi

School of Electric and Information Engineering, Beihang University

Beijing, China

Phone: +86-10-8231 7222

Fax: +86-10-82317236

Email: [gnssint2015@163.com](mailto:gnssint2015@163.com)

Mr. Zhou Xiaosong

School of Electric and Information Engineering, Beihang University

Beijing, China

Phone: +86 18810450308

Fax: +86-10-82317236

Email: [zxstzbd@hotmail.com](mailto:zxstzbd@hotmail.com)

# Agenda

Date	Time	Contents
April 19 <sup>th</sup> (Sunday)	8:00-24:00	Registration
April 20 <sup>th</sup> (Monday)	8:00-9:00	Registration
	9:00-10:00	Opening ceremony
	10:30-11:15	Plenary speech 1 (Lu Jun)
	11:15-12:00	Plenary speech 2 (Jing Guifei)
	14:00-15:30	Beidou time system (Han Chunhao)
	16:00-17:30	GNSS attitude measurement (Qin Honglei)
April 21 <sup>th</sup> (Tuesday)	9:00-12:00	ARAIM/GBAS/SBAS (Christophe)
	14:00-15:30	Beidou coordinate system(Dang Yamin)
	16:00-17:30	The construction of CORS station and network for Beidou (Dang Yamin)
April 22 <sup>th</sup> (Wednesday)	9:00-12:00	ARAIM/GBAS/SBAS (Christophe)
	14:00-17:00	Signal acquisition and tracking (Zhang Lei)
April 23 <sup>th</sup> (Thursday)	9:00-12:00	The vulnerability of GNSS (Renato)
	14:00-17:00	Technical visit
April 24 <sup>th</sup> (Friday)	9:00-17:00	Practice training (Yang Dongkai, Jin Tian, Renato)
April 25 <sup>th</sup> (Saturday)	9:00-12:00	Technical visit
	14:00-17:00	Culture visit
April 26 <sup>th</sup> (Sunday)		Free
April 27 <sup>th</sup> (Monday)	9:00-12:00	GNSS Simulator(Zhang Bo)
	14:00-15:30	The Application of Beidou Precision Positioning in ASEAN(Xu Jiang)
	16:00-17:30	GNSS Software Receiver (Jin Tian)
April 28 <sup>th</sup> (Tuesday)	9:00-12:00	GLONASS applications (Adrey)
	14:00-17:00	GNSS Remote Sensing and Applications (Jin Shuanggen)
April 29 <sup>th</sup> (Wednesday)	9:00-11:00	Participants discussion
	11:00-12:00	Closing ceremony