

**UNITED NATIONS/CHINA/ EUROPEAN SPACE AGENCY TRAINING COURSE
ON THE USE AND APPLICATIONS OF
GLOBAL NAVIGATION SATELLITE SYSTEMS**

4 – 8 December 2006

**Room 0323, ZhongGuanCun FOUNDER TOWER, No. 298,
Chengfu Road, Haidian District**

Beijing, China

**Hosted by the National Remote Sensing Centre of China and
China-Europe GNSS Technology Training Cooperation Centre**

PROGRAMME

DAY1: Monday, 4 December 2006		
09:00 – 10:00	Opening and Welcome Remarks	
	<ul style="list-style-type: none"> ▪ Welcome remarks 	<i>Mr. Zhang Guocheng, Director-General of National Remote Sensing Centre of China, The Ministry of Science and Technology of China</i>
	<ul style="list-style-type: none"> ▪ Welcome remarks 	<i>Ms. Sharafat Gadimova, United Nations Office for Outer Space Affairs</i>
	<ul style="list-style-type: none"> ▪ Welcome remarks 	<i>Mr. Wang Keran, Deputy Director-General, Department of Foreign Affairs of China National Space Administration</i>
	<ul style="list-style-type: none"> ▪ Welcome remarks 	<i>Mr. Francesko Emma, Galileo Programme Representative in China, ESA-Navigation Department</i>
10:00 – 10:20	<i>Coffee Break</i>	
10:20 – 13:00	Session 1: An overview of global navigation satellite systems	
	<ul style="list-style-type: none"> ▪ An overview of GNSS and its applications in China 	<i>Mr. Gao Jun, China National Space Administration</i>
	<ul style="list-style-type: none"> ▪ Global Positioning System (GPS) 	<i>Mr. James J. Miller, National Aeronautics and Space Administration</i>
	<ul style="list-style-type: none"> ▪ The United Nations and GNSS: Global in Space and Time 	<i>Ms. Sharafat Gadimova, United Nations Office for Outer Space Affairs</i>
13:00 – 14:00	<i>Lunch Break</i>	
14:00 – 15:40	Session 2: The principles of global navigation satellite systems	<i>Dr. Gu Guohua, China Earthquake Administration</i>
15:40 – 16:00	<i>Coffee Break</i>	
16:00 – 17:00	Session 3: Galileo Programme's development and Galileo of concession	<i>Mr. Peter Marchlewski, General Counsellor, Galileo Joint Undertaking</i>
17:00-18:00	Discussion Session - 1	
18:30	Reception	<i>Nong Yuan Restaurant, Beijing University</i>
DAY 2: Tuesday, 5 December 2006		
09:00 – 11:00	Session 4: The GALILEO system aspects: technology and research	<i>Mr. Francesko Emma, Galileo Programme Representative in China, ESA-Navigation Department</i>
11:00 – 11:20	<i>Coffee Break</i>	
11:20 – 13:00	Session 5: The integration and application of GALILEO system in China	<i>Mr. Zhan Xingqun, Vice President, China GALILEO Industries, Ltd.</i>

13:00 – 14:00	<i>Lunch Break</i>	
14:00 – 15:40	Session 6: The applications of GPS in China	<i>Prof. Guo Jiming, Wu Han University</i>
15:40 – 16:00	<i>Coffee Break</i>	
16:00 – 17:00	Session 7-1: The Beidou system and its application in Asia and the Pacific	<i>Mr. Lv Ziping, China Satellite Navigation and Communication Co.,Ltd</i>
17:00 – 18:00	Session 7-2: Beijing GNSS Meteorological Application in 2006's Weather Service Rehearsal for the Olympic Game 2008	<i>Mr. Cao Yunchang, China Meteorological Administration</i>
DAY 3: Wednesday, 6 December 2006		
09:00 – 10:30	Session 8-1: The GNSS education and training in China	<i>Prof. Qiao Shizhao, Beijing University</i>
10:30 – 11:00	Session 8-1: Technology and equipment for high accuracy positioning	<i>Dr. Guo Siqing, President of South Digital Technology Co.,Ltd.</i>
11:00 – 11:20	<i>Coffee Break</i>	
11:20 – 13:00	Session 9: GNSS applications EC-ESA initiatives	<i>Mr. Francesko Emma, Galileo Programme Representative in China, ESA-Navigation Department</i>
13:00 – 14:00	<i>Lunch Break</i>	
14:00 – 15:40	Session 10: GNSS receiver technology and development tool kits	<i>Mr. Zhang Junlin, President of Beijing Olinkstar Co., Ltd.</i>
15:40 – 16:00	<i>Coffee Break</i>	
16:00 – 18:00	Session 11: Introduction to GNSS products made in China	<i>Mr. Zhang Junlin, President of Beijing Olinkstar Co., Ltd.</i>
DAY 4: Thursday, 7 December 2006		
09:00 – 11:00	Session 12: The development and application for a compatible software receiver	<i>Mr. Yang Dongkai, BeiHang University</i>
11:00 – 11:20	<i>Coffee Break</i>	
11:20 – 13:00	Session 13: The application of satellite navigation in instant communication information services	<i>Dr. Wang Xiaojing, The Highway Research Institute</i>
13:00 – 14:00	<i>Lunch Break</i>	
14:00 – 15:40	Session 14: An overview of GNSS-based application areas	<i>Ms. Alice Wong, U.S State Department, USA Mr. Jeff Hamilton, GNSS Infrastructure, USA</i>
15:40 – 16:00	<i>Coffee Break</i>	

16:00 – 17:00	Session 15: Education and training in the use and applications of GNSS	
	<ul style="list-style-type: none"> ▪ The Master’s program on navigation and related application in Torino and the JEAGAL project: a China-Europe cooperation 	<i>Ms. Gabriella Povero, “Mario Boella” Institute, Italy</i>
	<ul style="list-style-type: none"> ▪ United Nations –affiliated Regional Centres for Space Science and Technology Education 	<i>Ms. Sharafat Gadimova, United Nations Office for Outer Space Affairs</i>
17:00 – 18:00	Discussion Session – 2: Conclusions and Recommendations	
DAY 5: Friday, 8 December 2006		
09:00 – 10:00	Closing Ceremony	
	<ul style="list-style-type: none"> ▪ Concluding Remarks 	<i>Mr. Oosterlinck, Director of Legal and External Relations, European Space Agency</i>
	<ul style="list-style-type: none"> ▪ Concluding Remarks 	<i>Ms. Sharafat Gadimova, United Nations Office for Outer Space Affairs</i>
	<ul style="list-style-type: none"> ▪ Concluding Remarks and Award of the Certificates 	<i>Mr. Zhang Guocheng, Director-General of National Remote Sensing Center of China</i>
10:30 – 15:30	Technical Visit	