Seminar on New Satellite Navigation Technology for Belt and Road Countries

Program name	Seminar on New Satellite Navigation Technology for "Belt and Road" Countries
Organized by	Wuhan Research Institute of Posts and Telecommunications

Time	2025-10-10 -- 2025-10-30	Language used	English

Countries invited	"Belt and Road" Countries
Planned number of participants	25

Requirements for the Participants	Age	Under 45 for officials at or under director's level; under 50 for officials at director general's level
	Health condition	In good health with health certificate issued by the local public hospitals; without diseases with which entry to China is disallowed by China's laws and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular/cerebrovascular diseases and diabetes; without metal diseases or epidemic diseases that are likely to cause serious threat to public health; not in the process of recovering after a major operation or in the process of acute diseases; not seriously disabled or pregnant
	Language competence	Capable of listening, speaking, reading and writing in English during the training
	others	Family members or friends shall not follow

Venue	Wuhan City, Hubei Province	Weather conditions	25℃~35℃
Cities to be visited	Beijing City Xi'an City□Shanxi Province	Weather conditions	Beijing City:25℃~35℃ Xi'an City□Shanxi Province:25℃~35℃

Remarks	1. Please prepare discussion and exchange materials related to the seminar theme in advance; 2. Please attend formal events in formal wear, ethnic clothing, or work uniforms; 3. Please bring along a small amount of commonly used medications; 4. The Chinese side will not provide computers; if needed, please bring your own; 5. In principle, individuals are not allowed to change their tickets for flights to or from China. If there is a genuine need, please contact the economic and commercial office of the embassy of China in your country to handle the ticket change according to the established procedures; 6. If you cannot depart on time due to special circumstances, or if there is a flight delay during the transfer, please promptly contact the economic and commercial office of the embassy of China in your country or the contact person of the organizer to inform the latest flight information, so that arrangements for airport pickup can be made; 7. Please confirm whether you need to re-check your baggage when transferring flights; 8. After your flight lands and you have collected your luggage, please proceed to the international or domestic arrival exit and wait patiently. Our staff will pick you up with a pick-up card bearing the name of the organizer and the participant. If you have been waiting for more than 15 minutes, please contact the contact person of the organizing unit. 9. It is recommended to download and register the WECHAT software in advance.

Contact information of the organizer	Contact person for the program	Mr.Quan Zhen, Ms.Tian Bingxiao, Ms.Zhou Jinfeng, Ms.Zhang Huijuan
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About the Organizer		Wuhan Institute of Posts and Telecommunications Co., LTD. (Fiberhome Technology Group) is one of the two research institutes directly under Ministry of Posts and Telecommunications (predecessor of Ministry of Information Industry) and one of the communication training bases of the Asia-Pacific Telecommunication Union (APT) of the Ministry of Industry and Information Technology. It is one of the first enrollment units authorized by the state to award master's degree in engineering, one of the first national Academy of Excellence Engineers, and a state-approved post-doctoral workstation. In 2018, Wuhan Research Institute of Posts and Telecommunications Co., LTD. (Fiberhome Technology Group) and Research Institute of Telecommunication Science and Technology Co., LTD. (Datang Telecom) were reorganized to form China Information and Communication Technologies Group, with its headquarters located in Wuhan. Our institute has received significant attention from national leaders. On April 26, 2018, President Xi Jinping once again visited our institute, encouraging our staff that core technologies, key technologies, and national heavy equipment must be based on our own. Our institute is a national team for information communication products and comprehensive solutions, with business coverage in more than 100 countries and regions worldwide. We deeply implement the "Belt and Road" initiative, continuously strengthen in-depth cooperation with countries along the "Belt and Road" in the field of digital economy, vigorously develop digital infrastructure construction, jointly build the "Digital Silk Road", and strive to narrow the digital divide in relevant countries. On September 14, 2020, Han Zheng, member of the Standing Committee of the Political Bureau of the CPC Central Committee and Vice Premier of the State Council, visited our institute and encouraged the enterprise to maintain focus, tap into its potential, continuously grow stronger, better, and larger, enhance international market competitiveness, and strengthen the strength of Chinese manufacturing. In 2024, the group's international market contract amounted to $1.65 billion, injecting more new momentum into the economic development of "Belt and Road" countries and better benefiting local society and people. As a central enterprise and the core enterprise of "Wuhan • China Optical Valley", our industry focuses on six areas: optical communication, mobile communication, optoelectronics and large-scale integrated circuits, data communication, network information security, and intelligent applications.

    Wuhan Research Institute of Posts and Telecommunications Co., Ltd. is located in Wuhan, Hubei Province, China. Wuhan is an extremely large city in central China, an important ICT☐steel and automobile industry base, a science and education base and a comprehensive transportation hub in the country. The Yangtze River, the third longest river in the world, runs through the city and is the largest water, land and air transportation platform in inland China. Its high-speed rail network covers most of China, and it is the only city in central China that can directly fly to the five continents of the world. As the Optical Valley of China, Wuhan is a core city of the Yangtze River Economic Belt and is committed to building an innovation and entrepreneurship center with global influence. Wuhan has more than 80 colleges and universities, high-tech enterprises and talent concentration. Wuhan is speeding up its efforts to build itself into a national central city supported by four functions: national economic center, high-level scientific and technological innovation center, business logistics center and international exchange center.

    Since 1994, authorized respectively by Ministry of Commerce, Ministry of Information Industry, Ministry of Foreign Affairs and Ministry of Science and Technology, WRI has organized more than 300 foreign-aid training projects, with about 10000 participants from over 100 countries of 5 continents. For more than a decade, WRI has been actively exploring |

	new ways and integrating research into practice. The number of foreign-aid training programs administered by WRI has increased from one to more than 50 per year. WRI has become capable of organizing seminars for officials at department/division level. The seminars last from 10 days, 20 days to 3 months, offered in either English, French, Russian, Arabic, Spanish or Portuguese. Nevertheless, we will continue to make efforts and fully exploit our strengths and experience in terms of communication technologies and foreign-aid training so as to conduct characteristic, high-level and influential training projects, and make greater contribution to the implementation of national economic trade strategies of all countries
Training content	1.Main training content -Introduction to Nnational Conditions in China -Overview of the Development of GNSS -Principle and application of GNSS -Overview and key technologies of Beidou Satellite Navigation System -Applications of Beidou Satellite Navigation System, such as transportation, agriculture, forestry and fishery, meteorological forecasting, power dispatching, disaster relief, public safety and other fields -Beidou High precision Positioning and Augmentation -Principle and Progress of Ubiquitous Positioning -Applications and solutions of 5G + Beidou satellite -Dynamic Monitoring and Early warning of Lake Eco-environment for National Geographic state monitoring -Technology and applications of spaceborne lidar-Satellite Internet -Satellite internet -Integrated Space-Air-Ground Network and Applications -Integration of cutting-edge technologies such as the Internet of Things, Cloud Computing,Big Data and Artificial Intelligence with Satellite Navigation Technology 2.Field trips (Subject to adjustments based on actual conditions) (1)Visits to CICT Group company will be arranged to learn the ground equipment, terminals, safety equipment and deployment experience of low-orbit satellites. (2)Visits to Wuhan University,Daspatial and Geosun Company to gain insights into BeiDou satellite key technologies, application scenarios and solutions (3)Visits On-site visits to relevant institutions and enterprises in Beijing City and Xian City in Shanxi Province will be arranged 3. About keynote speakers Lectures will be delivered by Sang Ziqin, Chairman of the Internet of Things, Digital Twin, and Smart Sustainable Cities and Communities Research Group of the International Telecommunication Union, Professor Li Keng, Professor Tao Zhiyong, an expert from the GCBI Capacity Building Group, as well as experts, professors, and senior engineers from Wuhan Research Institute of Posts and Telecommunications, Wuhan University,HuazhongUniversity of Science and Technology and other relevant universities. 4. Materials to be prepared by trainees The participant need to prepare a country report (PPT version). The content of the country report shall include:□ the basic information of your country □ an introduction to overview of the domestic satellite Industry, presented by participants before the closing ceremony.