

## Seminar on 3D Printing Technology for Developing Countries

Name	Seminar on 3D Printing Technology for Developing Countries		
Organizer	Wuhan Research Institute of Posts and Telecommunications		
Time	2024-08-23 -- 2024-09-05	Language for Learning	English
Invited Countries	Officials from developing countries		
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	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	Capable of listening, speaking, reading and writing in English during the training	
	others	Family members or friends shall not follow	
Host City	Wuhan City, Hubei Province	Local Temperature	Wuhan: 25°C—35°C
Cities to visit	Shenzhen City, Guangzhou Province Guilin City, Guangxi Zhuang Autonomous Region	Local Temperature	Shenzhen : 25°C—35°C Guilin : 23°C—34°C
Notes	<p>1.Participants should prepare suitable clothes and articles for daily uses for summer (such as sunscreen, umbrella and so on.);</p> <p>2.Participants are recommended to download and install the international version of WeChat before their arrival in China.</p> <p>3.Participants must prepare valid passports and visas before departure.If you are unable to depart on time due to special circumstances, or if there is a flight delay during a transfer, please contact the project contact person to inform them of the latest flight status.</p> <p>4.Participants are not allowed to change any flight tickets. If necessary, participants should contact economic and commercial counsellor's office of the embassy of China in their countries. All expenses and consequences caused by any ticket change without consent shall be borne by participants themselves.</p> <p>5.Please make sure whether you need to re-check in your luggage during the transfer process; When you arrive at the destination airport, after picking up your luggage, please wait at the international (or domestic) arrival exit. Our staff will pick you up with a pick-up tag with the organizer written on it. If waiting for more than 15 minutes, please communicate with the project contact person by phone.</p> <p>6.In case of baggage missing, participants should contact our staff to confirm the address for baggage delivery before filling in the registration form at the airport.</p>		
Contact of the Organizer	Contact Person(s)	Mr.Quan Zhen, Ms.Zhang Huijuan, Ms.Tian Bingxiao, Ms.Zhou Jinfeng	
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About the Organizer	<p>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 company is an internationally renowned provider of information and communication products and integrated solutions, with business covering more than 100 countries and regions around the world. In 2023, our company achieved a contract amount of US\$1.79 billion in the international market. It is a core enterprise of "Wuhan • China Optic Valley", focusing on six areas: optical communication, mobile communication, optoelectronics and large-scale integrated circuits, data communication, network information security, and intelligent applications. Our company has received attention from national leaders. On April 26, 2018, President Xi Jinping visited our company again, encouraging our employees that core technologies, key technologies, and national heavy equipment must be based on ourselves. 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 company, encouraging us to maintain our focus, exert our potential, constantly become stronger, better and bigger, enhance the competitiveness of the international market, and strengthen the strength of Chinese manufacturing.</p> <p>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.</p> <p>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 and Portuguese.</p> <p>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.</p>	

<p>Seminar Content</p>	<p>The main arrangements are as follows:</p> <p>1. Main training courses and content introduction</p> <ul style="list-style-type: none"> <li>- Introduction to national conditions in China</li> <li>- Overview of the global 3D printing industry</li> <li>- Development of 3D printing technology standards in China</li> <li>- The development status of 3D printing technology in China</li> <li>- China's 3D printing technology development policy</li> <li>- Laser 3D printing technology</li> <li>- Metal 3D printing technology</li> <li>-3D printing material analysis</li> <li>-Applications of 3D printing in different technical fields: optical access technology and products, optical transmission technology and products, 5G technology and products, Internet of Things related products, etc</li> <li>- Material structure function integrated 3D printing technology</li> <li>-Application scenarios of 3D printing: aerospace, construction, automobile manufacturing, medical devices and disease treatment, etc</li> <li>-3D printing + Artificial intelligence</li> </ul> <p>2. Field trips</p> <p>(1)To visit Wuhan Huake 3D Technology Co., Ltd. to learn about the application of 3D printing in industrial production, medical equipment and aerospace.</p> <p>(2) To visit Huashu High-tech Co., Ltd. to learn the development of China's leading 3D printing enterprises.</p> <p>(3) To visit Huake Laser Co., Ltd. to learn the industry application of laser 3D printing technology.</p> <p>3. Materials to be prepared by participants</p> <p>The participant need to prepare a country report (PPT version) . The content of the country report shall include: ① The basic information of your country ② The basic situation of 3D printing technology of your country, and submit it to the organizer before the end of the seminar.</p>
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