Seminar on Artificial Intelligence and Industry Applications for Belt and Road Countries

<table>
<tr><td>Name</td><td colspan="5">Seminar on Artificial Intelligence and Industry Applications for Belt and Road Countries</td></tr>
<tr><td>Organizer</td><td colspan="5">Nanjing University of Information Science & Technology</td></tr>
<tr><td>Time</td><td colspan="2">2024-10-10 -- 2024-10-23</td><td colspan="2">Language for Learning</td><td>English</td></tr>
<tr><td>Invited Countries</td><td colspan="5">Belt and Road Countries</td></tr>
<tr><td>Number of Participants</td><td colspan="5">25</td></tr>
<tr><td rowspan="4">Requirements for the Participants</td><td>Age</td><td colspan="4">Under 45 for officials at or under director’s level;
under 50 for officials at director general’s level.</td></tr>
<tr><td>Health</td><td colspan="4">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.</td></tr>
<tr><td>Language</td><td colspan="4">Capable of listening, speaking, reading and writing in English during the training</td></tr>
<tr><td>others</td><td colspan="4">Family members or friends shall not follow</td></tr>
<tr><td>Host City</td><td colspan="2">Nanjing City of Jiangsu Province</td><td>Local Temperature</td><td colspan="2">Average Air Temperature: 15℃-23℃</td></tr>
<tr><td>Cities to visit</td><td colspan="2">Yiwu City, Hangzhou City of Zhejiang Province</td><td>Local Temperature</td><td colspan="2">Yiwu City 16℃-23℃
Hangzhou City 16℃-23℃</td></tr>
<tr><td>Notes</td><td colspan="5">During seminar, please abide by the participation rules. Your attendance, classroom performance, learning records, participation in discussion, etc. will be taken into consideration in the issuance of seminar certificates.</td></tr>
<tr><td rowspan="4">Contact of the Organizer</td><td colspan="2">Contact Person(s)</td><td colspan="3">Ms.Shen Guangqiu</td></tr>
<tr><td colspan="2">Telephone</td><td colspan="3">0086-25-5873 1403 (Ms.Shen)</td></tr>
<tr><td colspan="2">Cell</td><td colspan="3">0086-139 5107 1763 (Ms.Shen)</td></tr>
<tr><td colspan="2">Fax</td><td colspan="3">0086-25-5869 9856(Ms.Shen)</td></tr>
</table>

	E-mail	rtc@nuist.edu.cn(Ms.Shen)
About the Organizer	Nanjing University of Information Science & Technology is a highly recognized Regional Training Center (RTC-Nanjing) by the World Meteorological Organization (WMO) as well as UNESCAP/WMO Typhoon Committee. Up to now, it has over 220 international and bilateral training courses from 1990 to 2023. Almost 6000 meteorologists and hydrologists from 158 countries (regions) have been trained. Many of them have become the backbone in their respective National Meteorological and Hydrological Services (NMHSs). With strong support from Chinese government, NUIST provides a wide range of international training courses on various subjects for the development of human resources in developing countries, such as atmospheric observation and detection, weather forecasting, climate prediction, climate information service, meteorological disaster risk prevention and reduction, climate change management, agro-meteorology, oceanographic disaster prevention and management, hydro-meteorology, weather modification technologies, Artificial Intelligence, Information Communication Technologies, and Beidou Satellite Navigation, etc. It strictly follows the WMO Manual on the Implementation of Education and Training Standards in Meteorology and Hydrology, Guidelines for the education and training of meteorological personnel in meteorology and operational hydrology, and other regulator materials. More information about NUIST can be found on the website http://en.nuist.edu.cn/.	

Seminar Content	Commissioned by the Ministry of Commerce of the People's Republic of China (MOFCOM), Seminar on Artificial Intelligence and Industry Application for Belt and Road Countries will be hosted by Nanjing University of Information Science and Technology (NUIST) from October 10 to 23, 2023. The working language of this 14-day event is English. Lectures on the following topics will be included: 1. Basics of China and Chinese Culture to introduce China's geography, politics, economy, science and technology, education and customs, especially the great achievements and experience since the reform and opening up. 2. Up and out of Poverty to introduce the great achievements of China in poverty reduction for more than 70 years and its contribution to the realization of global sustainable development goals, and share the experience of poverty reduction from China. 3. Fundamentals of Artificial Intelligence and Development Trends: This course aims to provide students with comprehensive knowledge of artificial intelligence (AI), exploring its development history and the latest trends. By understanding the basic concepts, core technologies, and applications of artificial intelligence across various industries, students will be better equipped to grasp the development trends of AI, laying a foundation for further in-depth learning and application. 4. Artificial Intelligence Methods in Atmospheric Science: This course aims to introduce the applications and methodologies of artificial intelligence (AI) in the field of atmospheric science. The course will explore how AI technologies can be used to address key issues in atmospheric science, including weather forecasting, climate simulation, atmospheric pollution monitoring, and environmental changes. 5. Integration of the Internet of Things (IoT) and Artificial Intelligence Applications: This course explores the integration and application of Internet of Things (IoT) and artificial intelligence (AI) technologies. By analyzing the basic concepts, architecture, and challenges faced by IoT, as well as how artificial intelligence enhances the intelligence of IoT systems, students will learn how to improve business efficiency. 6. Applications of Artificial Intelligence in the Healthcare Industry: This course explores the wide-ranging applications of artificial intelligence (AI) in the healthcare industry, covering various aspects from disease prediction and diagnosis to personalized treatment. By learning advanced technologies and methods, students will understand how to use AI to improve the efficiency and quality of healthcare services. 7. Application of Artificial Intelligence in Marine Science: Explore the application of artificial intelligence technology in marine science and related fields, enabling learners to understand how to use AI to address practical issues in marine environmental monitoring, resource management, and marine ecological protection, thereby promoting scientific research and sustainable development. 8. Applications of Big Data Technology in Disaster Management: This course introduces the application of big data technology in the field of disaster management, covering all aspects from disaster prediction, assessment, to response and recovery. Students will learn how to utilize vast amounts of data to enhance decision-making support capabilities in disaster management. 9. Applications of the Metaverse and Artificial Intelligence: This course explores the concept of the Metaverse and its integration with artificial intelligence (AI), analyzing how AI technologies can drive the development and application of the Metaverse. Lecturers for this seminar include highly experienced researchers and with the School of Artificial Intelligence, and School of Law and Public Affairs with Nanjing University of Information Science & Technology and all lecturers holding PhD degrees and most holding advanced professional credentials. Additionally, the project will organize field visits for participants to Hangzhou and Yiwu to understand the basic conditions and latest technologies of China's artificial intelligence industry, as well as practical experiences and operational modes related to e-commerce, artificial intelligence, and international trade. The seminar also include non-technical lectures on China, Chinese culture and China's poverty reduction. All live sessions incorporate Q&A parts to support participants for better understanding of lecture and activity content. Non-technical lectures on China, Chinese Culture and Chinese people will also be contained to promote people-to-people exchanges.