

# Program Information

## Seminar on the Development Plan of the New Generation Artificial Intelligence

Name	Seminar on the Development Plan of the New Generation Artificial Intelligence		
Organizer	Nanjing University of Information Science and Technology		
Time	November 9 to 29, 2023	Language	English
Invited Countries	Developing Countries	Number of Participants	25
Purpose	<p>The seminar aims to share the basic knowledge of artificial intelligence with students from countries to be represented, and cultivate among them an understanding of the technological, economic, and social significance of developing artificial intelligence. The seminar will include lectures on the basic principles, key considerations of planning on the development of artificial intelligence. Lectures will focus on the theoretical framework, key technologies, innovation platform construction, talent nurturing, and AI industry distribution and upgrading. Participants will develop the ability to provide practical and reasonable decision-making references and suggestions for related works in AI planning and development in their own countries. This seminar will also promote exchanges and cooperation between China and the countries represented in relevant fields.</p>		
Requirements for Participants	Professional Background	<p>The course is open to applicants who:</p> <ul style="list-style-type: none"> <li>- work with agencies or departments of S&amp;T policy, industry and Informatization, S&amp; T international collaboration, smart health, financing and education services;</li> <li>- hold such management positions related to S&amp;T policy making, industry development, S&amp;T innovation, digital governance;</li> <li>- hold BSc. degree in relevant disciplines and have at least 2-year working experience in relevant fields;</li> <li>- own college-level knowledge of mathematics and physics.</li> </ul>	
	Age	Not exceeding the statutory retirement age in participant's own country	
	Health Condition	Be in good health and capable of attending online courses as scheduled	

	Language Proficiency	Competence of English in listening, reading, speaking and writing adequate for attending online technical training events.
	Others	This course will be conducted remotely live through voov-meeting. All live sessions will be recorded and uploaded to our learning platform for later access. NUIST, the seminar host, will provide detailed instructions and technical support to facilitate participants' attendance. Participants are expected to make relevant devices and Internet connection ready before applying for the seminar or after nomination.
Training Content	<p>Commissioned by the Ministry of Commerce of the People's Republic of China (MOFCOM), Seminar on the Development Plan of the New Generation Artificial Intelligence will be hosted online by Nanjing University of Information Science and Technology (NUIST) from November 9 to 29, 2023. The working language of this online 21-day event is English. Lectures on the following topics will be included:</p> <ol style="list-style-type: none"> <li>1. <i>Basics of China and Chinese Culture</i> 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.</li> <li>2. <i>Up and out of Poverty</i> 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.</li> <li>3. <i>Basics of Artificial Intelligence</i> to share the concepts and history of AI, and gain knowledge on its work scope and application scenarios while focusing on big data and deep learning.</li> <li>4. Application areas of Artificial Intelligence to cover the major areas of AI application and prepare for elaborations on the major ones.</li> <li>5. <i>The Development Plan of the New Generation Artificial Intelligence in China</i> to introduce the conceptualization, development and implementation of the Plan.</li> <li>6. <i>AI and S&amp;T Innovation</i> to provide insights into the great driving force and prospects brought by AI for scientific research and technological breakthroughs.</li> <li>7. <i>AI and Economic Development</i> to offer knowledge on AI's roles in promoting productivity, reshaping means of production, and heralding new growth patterns in financing, investment, retailing, supply chain, energy resources and environment protection.</li> </ol>	

	<p>8. <i>AI and social services</i> to provide knowledge and experiences in using AI technologies in making decisions in public services, community services, disaster prevention and rescue for higher accuracy and greater efficiency, and better protection.</p> <p>9. International Collaborations in AI technologies to introduce China’s efforts in taking part in global collaborative mechanisms and contributing to optimized AI innovations around the world.</p> <p>10. <i>AI and Smart Medical Service</i> to introduce the major scenarios of AI in medicine through cloud storage and computing including precision medicine, health monitoring and management, self-service health management, system design and decision-making supports.</p> <p>11. <i>AI Technologies in Meteorological Services</i> to provide basic concepts and practices in current meteorological services integrating AI technologies in China.</p> <p>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 &amp; Technology and all lecturers holding PhD degrees and most holding advanced professional credentials.</p> <p>The seminar includes two guided cloud tours to Zhongda Hospital and IFLY TEK AI Centre to offer first-hand experiences to participants on AI’s application in medical services and the business lines of leading AI technology enterprise in China.</p> <p>The seminar also include non-technical lectures on China, Chinese culture and China’s poverty reduction.</p> <p>All live sessions incorporate Q&amp;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.</p>
Notes	<p>The course will be run by both live sessions on video-conferencing platform and recorded sessions on a NUIST-hosted learning management system (LMS). Details on the platforms will be shared later. Participants are expected to have necessary equipment and devices such as internet connection, computer, microphone, camera, etc. in place before participation.</p> <p>Digital certificates of completion will be issued to those who meet a series of requirements in attendance, classroom performance and engagement).</p> <p>All admitted participants will be informed of their respective participant ID, which will be the only valid ID for every participant into all course activities.</p>

	<p>All course materials, including but not limited to, program information, participant guide, lecture slides, lecture videos, course photos, screen shots, and relevant texts are intellectual property of Nanjing University of Information Science and Technology and are for personal and non-commercial use only.</p>
<p>About the Organizer</p>	<p>Nanjing University of Information Science &amp; Technology is a highly recognized Regional Training Center (RTC-Nanjing) by the World Meteorological Organization (WMO) as well as UNESCAP/WMO Typhoon Committee. It has held nearly 210 multi- and bi-lateral training courses from 1990 to July 2023. Almost 5,500 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).</p> <p>With strong support from Chinese government, RTC-Nanjing provides a wide range of international training courses on various subjects for the development of human resources in developing countries, such as atmospheric observation, weather forecasting, climate prediction, climate information service, disaster risk prevention and reduction, climate change management, agro-meteorology, radar meteorology, satellite meteorology, weather modification technologies, tropical cyclone forecasting, numerical weather prediction technologies, administrative management of meteorological services, etc.</p> <p>It strictly follows the WMO Manual on the Implementation of Education and Training Standards in Meteorology and Hydrology, and 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 <a href="http://en.nuist.edu.cn/">http://en.nuist.edu.cn/</a>.</p>
<p>Contact the Organizer</p>	<p>Contact Person(s): SHEN Guangqiu (Ms. Diane)  Telephone: 0086-25-5873 1403  Mobile phone: 0086-139 5107 1763 (SHEN)  QQ Accounts: 131 5545 467 (SHEN)  E-mail: <a href="mailto:rtc@nuist.edu.cn">rtc@nuist.edu.cn</a></p>