**Title of report:** The Construction of Science and Technology Industry System of Information System

**Abstract**:

The world is undergoing a momentous changes unseen in a century, and the Great Rejuvenation of the Chinese Nation has already entered a new historical starting point. Under the impact of new science revolution and industrial transformation, Chinese information-technology industry is facing new challenges on its development. So the times call for new ideas and practices in the development of science and technology industry. Guided by "goal orientation, problem orientation and effect orientation", this report will profoundly explore the formation of the world's science and technology industry pattern and the development of future Chinese science and technology industry from the following three dimensions: scientific and technological system, industrial system and institutional system. Taking the construction of quantum science and technology industry as an example, the report will describe the process of how Chinese scientists get rid of the shackles of Western science and technology industry and build an independent and controllable science and technology industry system. Guided by the scientific and social system engineering method, we will continue to liberate and develop the productive forces, and to promote the new journey of building a socialist modern country in an all-round way through the continuous construction of the scientific and technological industrial system.

**Bio:**

Lu Jun, academician of Chinese Academy of Engineering, the chief scientist of China Electronics Technology Group Corporation (CETC), the director of quantum technology Yangtze River Delta industrial innovation center. He is an expert in the filed of electronic information and the academic leader in the field of early warning aircraft information system. He has made outstanding contributions to the building and development of Chinese Airborne Warning and Control System (AWACS) by establishing technical system of early warning aircraft information and presiding over the development of the first domestic early warning aircraft, the exported early warning aircraft. In recent years, he has initiated and made a significant breakthrough in accelerating the development of Chinese engineering technology industry of quantum computer depending on CETC. He has won the special class of the national science and technology progress award, the first prize of the national defense science and technology progress award, the May Day Labor Medal, the outstanding communist party member of the SASAC, the Guanghua Engineering Science and technology award, the CCTV innovative figure, the gold medal for the construction of high-tech weapons and equipment of the CPC Central Committee/Central Military Commission, etc. He has also won the title of the "innovation team" of the Ministry of science and technology as the team leader.