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Prof. LUO Delong

Abstract:

As one of the mega-science projects that may fundamentally resolve energy problems for mankind in the future, the ITER Project is a crucial step forward and a joint endeavor collectively made by China, Europe, India, Japan, Korea, Russia and the United States after years of designing and negotiations. The Chinese government, domestic fusion community and industrial enterprises are actively engaged in the implementation of ITER and in the promotion of fusion energy activities in China.

As the founding member of ITER Organization (IO), China is dedicated to the construction of the reactor and organizational management. Ever since China joined ITER, 14 procurement arrangements and 4 amendments were signed with IO, and impressive results have been accordingly yielded and a large amount of components were delivered to IO and other Domestic Agencies both on time and with quality. Over the decade, the ITER Project, together with its Members' domestic fusion facilities, provides China with a precious opportunity to improve and industrialize fusion as a potential industry. China is also making its own ambitious roadmap for fusion energy. Conceptual design of China Fusion Engineering Test Reactor (CFETR) were completed in 2015, and integration engineering design of CFETR and related researches are on the way.

Resume of Prof. LUO Delong

Prof. LUO Delong, is the Director-General (since 2005) at China International Nuclear Fusion Energy Program Execution Center (ITER China Domestic Agency), the Ministry of Science and Technology (MOST). Since 1986, he has long been engaged in the promotion of S&T cooperation and held several positions at different organizations, including Secretary at the Chinese Embassy in Norway, Market Manager of China Office at UN Technological Information Promotion System, etc. Prior to his appointment of DG, Prof. LUO was the director at the Department of International Cooperation of MOST, responsible for the organizing and implementing bilateral and multilateral S&T agreements and programs. In 2003, Prof. LUO led the Chinese team to join the ITER negotiation and had then been involved in the domestic management and execution of the project and the fulfillment of China's international commitments to the ITER Project. Prof. LUO has served as ITER Council Member from China since 2008, Standing Council Committee Member of China Nuclear Society since 2012.

