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IAA Attributes the Von Karman Award for 2011 to

Prof Liu Jiyuan

The International Academy of Astronautics (IAA) has attributed the Theodore Von Karman Award for 2011 to Prof Liu Jiyuan, Honorary President of CSA, in recognition for his lifelong service to the aerospace profession in government, industry, and the international community; for his outstanding contributions to human space flight programs; for his role in the development of space launch vehicles such as LM launch vehicles; and for his dedicated leadership of the International Academy of Astronautics as Vice President for Publications and Communication.

The Von Karman Award, created in 1983, recognizes outstanding lifetime achievements in space related scientific activities. It is awarded annually without restrictions concerning nationality or gender. Most prestigious of the Academy's individual awards, it is named in honor of the Academy's founder and first President, a scientist of the highest international reputation.

Prof Liu Jiyuan served as Vice Minister of the Ministry of Astronautics Industry (MOA), President of China Aerospace Corporation (CASC), Administrator of China National Space Administration (CNSA), Deputy Chief Commander of China's Manned Space Flight Program, and President of Chinese Society of Astronautics (CSA). Now he is the Vice President of IAA and the Honorary President of CSA.

Prof. Liu has been engaged in research on launch vehicle control technology as well as space systems engineering management and quality control. He participated in the design integration for China's launch vehicle control system in early stage, designed and led a series of strategic plans for the development of China's space technology such as the development planning of China's space science, technology and industry, the breakthroughs in key technologies and the construction of infrastructure, and space systems engineering management. As the Deputy Chief Commander of China's Manned Space Flight Program, he organized the preparation for program approval as well as the implementation of the program. He also led the establishment of the scientific and effective quality control system to realize the systematic standardization of the products, which greatly improved the reliability of the LM launch vehicles, thus making great contributions to the consecutive successful launch of the LM launch vehicles. Because of his outstanding achievements, he won the National Prize for Progress in Science and Technology and the Quality Management Excellence Award for many times.

Prof. Liu has been devoting himself to promoting the applications of space technology in the national economy and has done a great deal of work to establish a complete Chinese application satellite system.

As the first Administrator of CNSA, he proposed the four principles for China's international space cooperation including peaceful uses of outer space and positively promoted the exchanges and cooperation between China and international space community for common development. On behalf of the Chinese Government, he has signed many bilateral and multilateral agreements on space cooperation. He has been in charge of a large number of successful international space cooperation projects. He positively promoted the development of new-generation communications satellite jointly by China and Germany in 1993; actively promoted Asia Pacific Multilateral Cooperation in Space Technology and Applications (AP-MCSTA), laying a foundation for the establishment of Asia Pacific Space Cooperation Organization (APSCO); and founded the first communications satellite operation company in the Asia-Pacific region for promoting the economic prosperity and development in the region. Under his leadership the 47th International Astronautical Congress (IAC) was successfully held in 1996 in Beijing. In 1999 Prof. Liu won the Brazilian Governmental Grand Cross Medal of Scientific and Technical Contributions for his outstanding contributions to the China-Brazil Earth Resources Satellite (CBERS) program. In 2003 at the 54th IAC Prof. Liu was awarded the Allan D. Emil Memorial Award.

Prof. Liu has always been supporting the activities of IAA. He promoted the convening of two International Space Symposia held by China and IAA in 1992 and 2001 respectively. Thanks to his promotion, IAA Studies Center in China was established in 2010, thus expanding the influence of IAA in China and providing great support to the development of IAA.

Over the past more than half a century, Prof. Liu, as one of the pioneers and leaders of China's space industry, positively advocates international cooperation in the field of space and has made outstanding contributions to peaceful uses of outer space for the benefits of mankind.

Prof. Liu Jiyuan was born in August 1933 in China and graduated from Moscow Bauman Institute of Industry and got his Master's degree in auto-control in 1960.

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