CHINA Delegation

Jijun **Xiong**

North University of China

No. 3 Xueyuan Road, Jiancaoping District
030051 Taiyuan
China

+86 351 392 1882
+86 139 0113 3593
xiongjijun@nuc.edu.cn

NORTH UNIVERSITY OF CHINA

Jijun Xiong, born in 1971, Xishui County, Hubei Province. He is now professor and vice-president of North University of China, the deputy to the Nation People's Congress, Shanxi Provincial Standing Committee of China Association for Promoting Democracy. He graduated from Tsinghua University in 2003 with a PhD degree in major of precision instruments. In 2002 and 2009, he was a visiting scholar at City University of Hong Kong and the University of Minnesota.

Professor Xiong was elected to the national "Ten Thousand Talent Program ", “The National Science Fund for Distinguished Young Scholars”, “Youth Science and Technology Innovation Leader”, “talents of The Ministry of human resources”, “Education Ministry's New Century Excellent Talents Supporting Plan”, “Shanxi Province Shanxi scholars”, “Special allowance of the State Council”. He has also received several scientific awards from the national government: one Second Class Prizes of the State Scientific and Technological Progress Award, two Second Class Prizes of the State Technological Invention Award, one Second Class Prizes of the State Teaching Achievement Award. He has published more than 100 peer reviewed journal papers and 50 national invention patents. At the same time, he is also the executive director of Chinese Society of Micro-Nano Technology, chairman of the Youth Work Committee of Chinese Society Of Micro-Nano Technology, executive director of MEMS & NEMS Society of China, Deputy director of China Society of Higher Education Instrument Science and Measurement and Control Technology Professional Committee.

During the past twenty years, he is dedicated on the measurement technology and instrumentations under extremely high impact, high temperature and other extreme conditions. A new pressure measurement method based on high temperature co-fired ceramic microstructure and wireless electromagnetic mutual coupling signal pick-up was developed. It has been achieved for a long time 1000 ℃ high temperature dynamic pressure parameters in-situ test. It has laid a foundation for realizing the in-situ monitoring of a variety of parameters of the advanced engine combustion chamber (long time 1500 ℃ high temperature environment). The anti-impact storage test equipment solved the ultra-high-impact transient high temperature dynamic data testing challenges, which successfully applied to Chang'e lunar exploration, manned spaceflight.