



Research Field: Electronic Science and Technology

Focused Field: Automation and Satellite Communication

SHORT BIO

I received my bachelor's degree in automatic control from National University of Defense Technology in 1994 and my master's degree in aerospace surveying from Equipment Academy of PLA in 2003. I graduated from the Second Academy of Aerospace Science and Industry Corporation in 2008 with a doctorate degree in navigation, Guidance and Control.

From 1994, I worked as a technical engineer at Jiuquan Satellite Launch Center until I retired in 2016 with the rank of senior colonel. During my service in the army, I was mainly engaged in aerospace measurement, target characteristic analysis and weapon test effectiveness evaluation.

After retiring, I have been engaged in technical research and development of companies or teaching in a vocational college for several years, and my major was artificial intelligence, electronic automation and electrical technology.

I joined the State Key Laboratory of Lunar and Planetary Science of MUST in August 2021. It is my continuous goal to do a good job in the construction, operation and maintenance of the ground station and ensure the scientific research in the high-precision geomagnetic of the earth.



Director of
Engineering & Technology

Xiao Jianfeng

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Education

2004-2009, PhD, Navigation, Guidance and Control, Second Academy of Aerospace Science and Industry, China

2001-2004, MSc, Aerospace Measurement and Control, Equipment College of PLA, Peking, China

1990-1994, BSc, Automatic Control, National University of Defense Science and Technology, Changsha, China

Professional Experience

Aug 2021-Present, Director of Engineering and Technology, State Key Laboratory of Lunar and Planetary Sciences, Macau University of Science and Technology

April 2016-July 2021, Associate Professor of Electronics Technology and Automation, Department of Intelligent Engineering, Huizhou Engineering Vocational College

July 1994-March 2016, Engineer in Aerospace Measurement and Control Technology, Jiuquan Satellite Launch Centre, China

Key Publications

Xiao Jianfeng & Huang Peikang, W. . (2008). Novel Coherent Detection Method for Wideband Radar. Systems Engineering and Electronics, Vol.30 No.10 Oct.2008, 1851-1854.

Xiao Jianfeng & Huang Peikang, W. . (2008). Clutter Suppression Processing in Wideband Radar Target Detection. Modern Defence Technology, Vol.37 No.06 Dec.2009, 118-121,125.

Xiao Jianfeng & Huang Peikang, W. . (2008). Echoes Coherent Integration Method for Wideband Chirp Radar. Modern Radar, Vol.30 No.12 Dec.2009, 35-38.

Cui Jijun, .., & **Xiao Jianfeng** . Space Launch Test Engineering. China Astromautic Publishing House. Dec.2010, ISBN 978-7-80218-886-0.

Research Grants

Equipment Advance Research Fund(2010-2012): CNY 300,000 (Principal Investigator);

CHN Major Works Special Fund(2012-2014): CNY 3,000,000 (Co-Investigator);

CKRC Special Fund.(2018-2020): CNY 150,000 (Principal Investigator).

