Curriculum Vitae

Name

DU, Jiangfeng

Position title

Professor/Academician of the Chinese Academy of Sciences/Vice President of USTC



Education

1985/09-1990/06, B.Sc. degree, Department of Modern Physics, USTC

1997/09-1997/06, M.Sc. degree, Department of Modern Physics, USTC

1997/09-2000/06, PH.D., Department of Modern Physics, USTC

Professional experience

Total State Committee Comm	
06/1990 – 04/2000	Teaching assistant/Lecturer, Dept. of Modern Physics, USTC
05/2000 - 04/2004	Associate Professor in Physics, Dept. of Modern Physics, USTC
05/2004–Now	Professor, Dept. of Modern Physics, USTC
07/2005 - 10/2007	Marie Curie Fellowship, Dept. of Phyaics, Universiity of Dortmund, Germany
04/2018 - Now	Vice President, USTC

Professional memberships & service

Member of the Spectroscopy Professional Committee of the Chinese Physical Society

Vice-President of the Association of Overseas Students of the Chinese Academy of Sciences

Executive Vice-Chairman of the Council of the Anhui Physical Society

Editorial Board Member of Chinese Journal of Magnetic Resonance, the 11th Editorial Board Member of Physics

Research, scholarly & teaching interests

Prof. Dr. Jiangfeng Du, Yangzi Professor at CAS Key Laboratory of Microscale Magnetic Resonance and Department of Modern Physics of University of Science and Technology of China, Academician of Chinese Academy of Sciences.

Prof. Du is an expert in the area of spin quantum physics and its applications. He has developed a series of advanced spin quantum control methods to precisely manipulate spin quantum states and preserve its quantum coherence. Based on these, he achieved fruitful scientific achievements on quantum computation, quantum simulation, and quantum metrology, including the first observation of single-protein spin resonance spectroscopy under ambient conditions. So far he has published more than 190 scientific papers, including 51 papers published in Nature, Science, Nature Physics, Nature Methods, Nature Communications, and Physical Review Letters. His research achievements have received the second prize of 2012 National Natural Science Award, The Outstanding Achievements in Natural Science by the Ministry of Education of China (2011, 2018), The Huang Kun Award of Solid-state Physics and Semiconductor Physics from Chinese Physical Society (2011), and The Award in Basic Science from Zhou GuangZhao Foundation (2016).