

Academic Staff Resume

Name: Yang Fan
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Academic Qualification:

Ph.D. in Macau University of Science and Technology, Space Information Technology
Master in Huazhong University of Science and Technology, Electronics and Communication Engineering
Bachelor in Huazhong University of Science and Technology, Communication Engineering

Teaching Area

Research Area

Calibration and analysis of lunar microwave data
Microwave theoretical modeling and parameter inversion

Working Experience

2020-now, Post-Doctor Macau University of Science and Technology
2014-2015, Assistant Engineer, 709 Institute of China Shipbuilding Industry

Research Projects

2015-2017 Integration and synthesis of multi-band lunar detection data

Professional Certification and Awards

Best Poster Award, International Symposium on Lunar and Planetary Science, 2018.

Professional Society Membership

Academic Publication

Journal Articles:

1. Yang, F., Xu, Y., Chan, K. L., Zhang, X., Hu, G., & Li, Y. (2019). Study of Chang'E-2 Microwave Radiometer Data in the Lunar Polar Region. *Advances in Astronomy*, 2019.
2. Guo, D., Zhang, X., Xie, L., Xu, X., Xu, A., Yan, Q., Xu Y., & Yang, F. (2019). Diamagnetic Plasma Clouds in the Near Lunar Wake Observed by ARTEMIS. *The Astrophysical Journal*, 883(1), 12.
3. Gui, L., Zhou, C., Tian, X., Yang, F., & Zhang, Y. J. (2017). Efficient Analysis of Multilayered Dielectric Rods by Equivalent Microwave Network Method. *Progress In Electromagnetics Research*, 53, 89-98.

Books & Book Chapters:

Conference Papers:

1. F. Yang, Y. Xu, K. L. Chan. Study of Chang'E-2 Microwave Radiometer Data in the Lunar Polar Region. *The 4th International Conference on Lunar and Deep Space Exploration*, 2019.
2. F. Yang, Y. Xu, G. P. Hu. A possible signature of water ice on the Moon with Chang'E-2 microwave radiometer data. *International Symposium on Lunar and Planetary Science*, 2018.