

Tian ZHANG

Nationality: China

Date of birth: 1992-04-07

Age: 33 Gender: Male



Contact Information

Phone: +86-159-4909-6979; +853-6213-3107
Email: zt136515@gmail.com; tianzhang@must.edu.mo
ORCID: 0000-0002-5167-3091
Google Scholar: Tian Zhang (Kyoto University)

Education

Ph.D. in Engineering (2020.10-2024.09)

Kyoto University, Kyoto, Japan

Supervisor: Prof. Yusuke Ebihara

Thesis: *Study on Impacts of Geomagnetic Disturbances on Power Systems*

Master of Engineering (2016.09-2019.03)

North China Electric Power University, Beijing, China

Bachelor of Engineering (2010.09-2014.06)

North China Electric Power University, Beijing, China

Work Experience

Postdoc (2024.10- 2025.07)

RISH at Kyoto University

Project: *Extreme Radiation Belt Variations by Solar Wind-Earth Coupled Simulations*

Engineer (2014.09- 2016.06)

Yangzhou Lianmao Electric Company

Jiangsu Province, China

Research Interests

- **Space Physics:**
 - space weather:** magnetic storms; substorms; geomagnetic disturbances; geomagnetically induced currents; magnetosphere-ionosphere coupling; field-aligned currents
 - plasma waves:** whistler-mode chorus waves; EMIC waves; wave-particle interactions
- **Electrical Engineering:**
 - power system analysis; DC bias