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# Junsheng Ding

## Curriculum Vitae

PhD candidate of University of Chinese Academy of Sciences

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Shanghai Astronomical Observatory, CAS

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**Research Gate:** [https://www.researchgate.net/profile/Junsheng\\_Ding](https://www.researchgate.net/profile/Junsheng_Ding)

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### EDUCATION

1. 2018-2023, PhD, Geodesy, University of Chinese Academy of Sciences, Beijing, China
2. 2014-2018, BSc, Geomatics Engineering, Chang'an University, Xi'an, China

### RESEARCH INTERESTS

1. Satellite Navigation & Remote Sensing
2. Atmosphere Modeling & GNSS Meteorology

### EMPLOYMENT

1. 2019.9-Now, Graduate Assistant, Shanghai Astronomical Observatory, CAS, Shanghai, China
2. 2018.7-2018.8, Summer Trainee, National Institute of Metrology, China, Beijing, China
3. 2017.7-2017.8, Software testing intern, Trimble R&D Center in China, Trimble Inc., Xi'an, China

### PUBLICATIONS

1. **Ding J.S.** and Chen J.P. (2021), Accuracy Variability of GNSS PWV in the Range of Small and Medium Scale Areas, China Satellite Navigation Conference, CSNC 2021, [doi:10.26914/cnkihy.2021.002146](https://doi.org/10.26914/cnkihy.2021.002146).
2. **Ding J.S.**, Chen J.P. and Wang J.G. (2020), Quality Control Method for ZTD Modeling Based on GNSS Observation Data, Journal of Astronautics, [doi:10.3873/j.issn.1000-1328.2020.09.010](https://doi.org/10.3873/j.issn.1000-1328.2020.09.010).
3. **Ding J.S.** and Chen J.P. (2020), Assessment of Empirical Troposphere Model GPT3 Based on NGL's Global Troposphere Products, Sensors, [doi:10.3390/s20133631](https://doi.org/10.3390/s20133631).
4. Chen Q., Chen J.P., Yu C., Zhang Y.Z. and **Ding J.S.** (2020), Comparison of BDS Station Clock Short-term Prediction Models and their Applications in Precise Orbit Determination, Chinese Astronomy and Astrophysics, [doi: 10.1016/j.chinastron.2020.05.008](https://doi.org/10.1016/j.chinastron.2020.05.008).
5. Chen J.P., Wang J.G., Wang A.H., **Ding J.S.** and Zhang Y.Z. (2020), SHAtropE—A Regional Gridded ZTD Model for China and the Surrounding Areas, Remote Sensing, [doi:10.3390/rs12010165](https://doi.org/10.3390/rs12010165).

### ACADEMIC REPORT

1. Oral presentation in 2021 4<sup>th</sup> Congress of China Geodesy and Geophysics held on July 17-18, 2021 in Qingdao, China.
2. Oral presentation in 2021 Scientific Assembly of the International Association Geodesy (IAG 2021) held on June 28 - July 2, 2021 in Beijing, China. [\[link\]](#)
3. Oral presentation in 2020 CPGPS Forum held on Nov. 12-15 2020 in Shanghai, China. [\[link\]](#)

### AWARD AND HONORS

1. 2021.4 Merit Student of UCAS (Top 15%)
2. 2020.5 Merit Student of UCAS (Top 15%)