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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. PPP-RTK 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.**, Chen J.P. and Tang W.J. (2022), Increasing Trend of Precipitable Water Vapor in Antarctica and Greenland, China Satellite Navigation Conference 2022, *Lecture Notes in Electrical Engineering*. **(EI)**
2. **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/c.cnkihy.2021.002146](https://doi.org/10.26914/c.cnkihy.2021.002146).
3. **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). **(EI)**
4. **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). **(SCI)**
5. Chen J.P., Zhang Y.Z., Yu C. and **Ding J.S.** (2022), Processing Algorithms and Performance Evaluation of BDS RDSS Location Reporting Service, *Acta Geodaetica et Cartographica Sinica*. **(EI)**
6. Tang W.J., Chen J.P., Yu C., **Ding J.S.** and Wang R.Y. (2021), A New Ground-based Pseudolite System Deployment Algorithm Based on MOPSO, *Sensors*, [doi:10.3390/s21165364](https://doi.org/10.3390/s21165364). **(SCI)**
7. 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). **(SCI)**
8. 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). **(SCI)**

ACADEMIC REPORT

1. **Ding J.S.**, Chen J.P. and Tang W.J. (2022), *Increasing Trend of Precipitable Water Vapor in Antarctica and Greenland*, *Speaker*, EGU General Assembly 2022, Session G5.2 – Atmospheric and Environmental Monitoring with Space-Geodetic Techniques and Contributions to Extreme Weather Studies, held on 23–27 May, 2022 in Vienna, Austria.
2. **Ding J.S.** and Chen J.P. (2021), *Global GNSS PWV Accuracy Assessment and Spatio-temporal Characteristics Analysis (1994-2020)*, *Speaker*, 4-th Congress of China Geodesy and Geophysics (4-th CCGG), CNC-IAMAS, M01: Atmospheric Sounding and Remote Sensing, held on July 17-18, 2021 in

Qingdao, China. [[link](#)]

3. **Ding J.S.** and Chen J.P. (2021), *Long-period Accuracy Evaluation and Spatial-temporal Characterization Analysis of Global GNSS-derived PWV, Speaker*, Scientific Assembly of the International Association Geodesy (IAG2021), Session 5.5: Assimilation of Geodetic Observations in the Modelling of the Atmosphere, Cryosphere and Hydrosphere (Joint ICCG), held on June 28 - July 2, 2021 in Beijing, China. [[link](#)]
4. **Ding J.S.** and Chen J.P. (2020), *Assessment of Empirical Troposphere Model GPT3 Based on NGL's Global Troposphere Products, Speaker*, International Association of Professionals in Global Positioning Systems (CPGPS) Forum 2020, Session 5: System and Design of Navigation Signal, held on Nov. 12-15 2020 in Shanghai, China. [[link](#)]

AWARD AND HONORS

1. 2021.10 First Class Academic Scholarship (Top 30%)
2. 2021.04 Merit Student of UCAS (Top 15%)
3. 2020.05 Merit Student of UCAS (Top 15%)