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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

EXPERIENCE

1. 2022.1-2022.1, GNSS Chip Embedded Development Internship, Techtotop Inc., Guangzhou, China
2. 2019.9-2021.9, Graduate Assistant, Shanghai Astronomical Observatory, CAS, Shanghai, China
3. 2018.7-2018.8, Summer Trainee, National Institute of Metrology, China, Beijing, China
4. 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*, doi:10.1007/978-981-19-2588-7_27. **(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.
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. **(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. **(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. **(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. **(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. **(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*, China Satellite Navigation Conference 2022, Session S01—Industry Applications of Satellite Navigation, held on 25–27 May, 2022 in Beijing, China.
2. **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.

3. **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](#)]
4. **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](#)]
5. **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. 2022.05 Zhu-Li-Yuehua Outstanding Doctoral Scholarship of CAS (Top 1%)
2. 2022.05 Merit Student of UCAS (Top 15%)
3. 2021.10 First Class Academic Scholarship of UCAS (Top 30%)
4. 2021.04 Merit Student of UCAS (Top 15%)
5. 2020.05 Merit Student of UCAS (Top 15%)