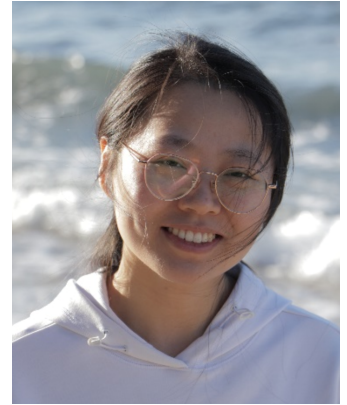


Xuemei CHEN

Email: xuemei.chen@memeterre.com

Co-founder and co-director of Môme Terre



Education

- 2014 – 2020 (6 years): PhD., Shanghai Jiao Tong University.
- 2010 – 2014 (4 years): BSc., Sun Yat-Sen University.
- 2012 (6 months): exchange student during BSc., National Chung Cheng University.

Academic experience

- 2024 – till now (1 and half years): co-founder and co-director of Môme Terre, a company dedicated for outreach and consulting on Earth's observations and climate (Lannion, France).
- 2022 – 2024 (2 years): postdoc researcher on *retrieval of cloud properties from MTG/IRS (Meteosat Third Generation / InfraRed Sounder)* at CEMS (Centre d'Etudes en Météorologie Satellitaire) /CNRM (Lannion, France).
- 2021 – 2022 (13 months): postdoc researcher on *remote sensing of solar irradiance at the Earth's surface (SSI)* at Centre O.I.E. (Observation, Impacts, Energie), Mines Paris (Sophia Antipolis, France).
- 2020 – 2021 (6 months): lecturer on solar energy at China University of Mining and Technology (Xuzhou, China).
- 2019 (5 months): visiting researcher at Department of Climate and Space Sciences and Engineering, University of Michigan (Ann Arbor, USA).
- 2014 – 2020 (6 years): PhD. student on *solar radiation estimates and forecasts for photovoltaic systems* at Shanghai Jiao Tong University (Shanghai, China).

Programming skill

- ✓ Python, Fortran, Matlab
- ✓ HTML, PHP, CSS, JavaScript
- ✓ Radiative transfer modeling (RTTOV, libRadtran)
- ✓ NetCDF / HDF file
- ✓ Bash, Makefile

Language

- ✓ Chinese (mother tongue)
- ✓ English (first foreign language, fluent in listening, speaking, reading, and writing)
- ✓ Learning French (daily communication and reading)
- ✓ Knowing a little bit of Japanese

Hobby

- ✓ Guqin (古琴): Chinese traditional music instrument, good at music pieces e.g. 《流水》《酒狂》《潇湘水云》《良宵引》《沧海龙吟》《平沙落雁》《忆故人》
- ✓ Ping-pong, badminton, swimming

Publication and Communication

- ✓ 9 peer-reviewed journal papers (4 of them published as first author)
- ✓ 2 conference proceedings
- ✓ 12 presentations or posters at international conferences
- ✓ 1 peer-reviewed book chapter