

Nian Wang

Nationality: Chinese

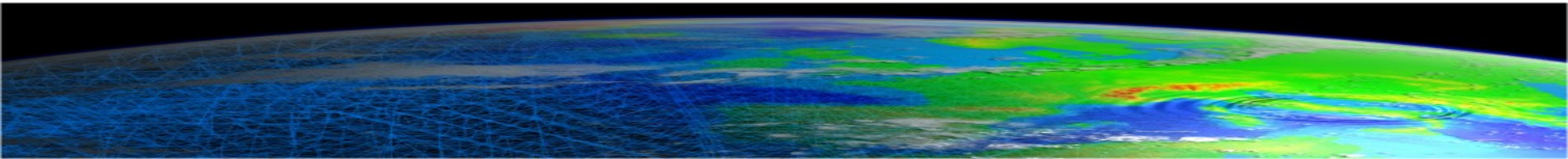
A PhD student from:

Institute de Physique du Globe de Paris (IPGP)

Email: happyxiaoxi114@163.com

Project:

Separation of intrinsic and extrinsic anisotropies by
homogenization methods

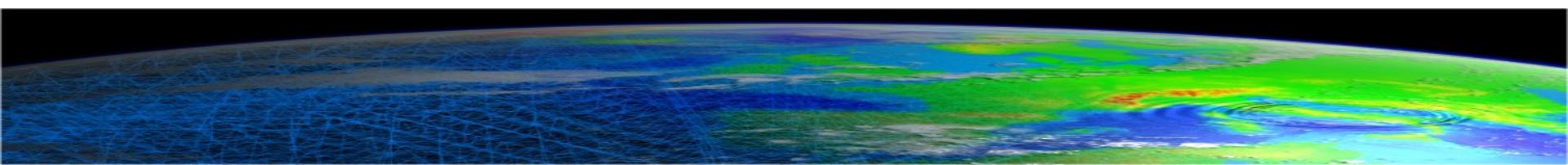


Research Interests:

In the Computational Geophysics Laboratory of Tsinghua University for the last 3 years:

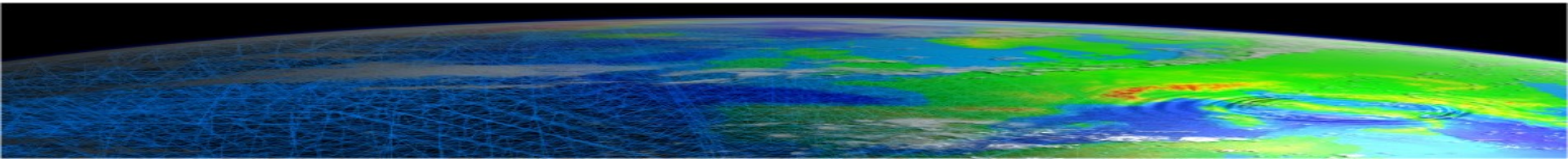
- Numerical methods for solving acoustic and elastic wave equations and their applications;

(Yang D.H., Wang N., Chen S., and Song G. J., 2009. An explicit method based on the implicit Runge-Kutta algorithm for solving the wave equations, *Bulletin of the Seismological Society of America*, Vol. 99, No. 6, 3340-3354)



In the next 3 years, I'll work in Laboratory de Sismologie of IPGP with professor Jean-Paul Montager and Yann Capdevil for my Quest project

- Separation of intrinsic and extrinsic anisotropies by homogenization methods.
- Application in temporal monitoring of oil fields
- Application in mantle dynamics



Thank you!

