

CURRICULUM VITAE

Yuanyuan Li

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Society: SEG & EAGE member.



Education

- ◆ Sep.2013 – Jun. 2018 **Ph.D.** Geological resources and geological engineering, Department of Geophysics, School of Geosciences, China University of Petroleum (East China).
- ◆ Oct.2016 – Oct. 2017 **Visiting Ph.D student.** Geophysics, Earth Science and Engineering program, King Abdullah University of Science and Technology.
- ◆ Sep.2009 - Jul.2013 **Bachelor.** Exploration Technology and Engineering (Geophysics). School of Geosciences, China University of Petroleum (East China).

Major research interests

Full waveform inversion, multi-parameter inversion and reflection waveform inversion.

Publications

- [1] **Yuanyuan Li**, Yunseok Choi, Tariq Alkhalifah, Zhenchun Li and Kai Zhang, Full waveform inversion using nonlinearly smoothed wavefield [J], *Geophysics*, 2018, 83(2): R117-R127. (SCI)
- [2] **Yuanyuan Li**, Qiang Guo, Zhenchun Li and Tariq Alkhalifah, Elastic reflection waveform inversion with variable density [J], *Geophysics*, revision. (SCI)
- [3] **Yuanyuan Li**, Zhenchun Li, Kai Zhang and Yuzhao Lin, Frequency-domain full waveform inversion with rugged free surface based on variable grid finite-difference method [J], *Journal of seismic exploration*, 2016, 25: 543-559. (SCI)
- [4] **Yuanyuan Li**, Zhenchun Li, Kai Zhang and Xuan Zhang, Frequency domain elastic full waveform multi-scale inversion method based on dual-level parallelism [J], *Applied Geophysics*, 2015, 12(4): 545-554. (SCI)
- [5] **Yuanyuan Li**, Zhenchun Li, Kai Zhang, Multi-scale elastic full waveform inversion in frequency domain [J], *Geophysical Prospecting for Petroleum*. 2015, 54(3):317-323. (EI)
- [6] **Yuanyuan Li**, Zhenchun Li, Tariq Alkhalifah, and Qiang Guo, Elastic reflection waveform inversion with variable density[C], *SEG Technical Program Expanded Abstracts*, 2017: pp. 1545-1550.
- [7] **Yuanyuan Li**, Yunseok Choi, Tariq Alkhalifah, Zhenchun Li and Kai Zhang, Full waveform inversion using nonlinearly smoothed wavefield[C], *EAGE Conference and Exhibition*, 2017.
- [8] **Yuanyuan Li**, Zhenchun Li and Kai Zhang, Multi-scale Frequency-domain Elastic Full Waveform Inversion

Based on Dual-level Parallelism[C], EAGE Conference and Exhibition, 2016.

[9] **Yuanyuan Li**, Zhenchun Li and Kai Zhang, Frequency-domain waveform inversion with irregular surface based on variable grid finite difference method[C], EAGE Conference and Exhibition, 2016.

Honors & Awards

- ◆ 2016 National scholarship for Excellent Doctoral Students
- ◆ 2013 Outstanding Undergraduate Graduation Thesis of CUP (Top 5% in CUP)
- ◆ 2012 Scholarship for the outstanding organizational ability
- ◆ 2011 National scholarship for Excellent Undergraduate Students (2/150)
- ◆ 2010 National scholarship for Excellent Undergraduate Students (2/150)

Computer skills

Language: C, Fortran, Matlab; Geophysical Software: Madagascar, SU, Geoeast.