

Amir Asnaashari

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Computer programming
Team-working
Presenting skills

EXPERIENCE

- ❖ Mar. 2014-present **Seismic Imaging Geophysicist, Dana Geophysics Company, Tehran, Iran**
 - Working on **seismic tomography** and **PSDM**
 - **Reviewer of Geophysics and Geophysical Prospecting**
- ❖ Apr. 2010-Dec. 2013 **Junior researcher (PhD thesis), ISTerre (Earth Science Institute) & Seismic Imaging Dep. of TOTAL, Grenoble/Pau, France**
 - Developed the **time-lapse full waveform inversion** code in FORTRAN
 - Application of time-lapse FWI on **real field** and **synthetic data**
 - Presented in several **international conferences, EAGE** and **SEG**
 - **SEG Award of Merit, Best student paper** presented in **2011 SEG Annual Meeting**
 - Honored as **TOP 30 papers** presented in **2012 SEG Annual Meeting**
 - **“Time-lapse seismic imaging using regularized FWI with prior model: which strategy?”**, **Geophysical Prospecting**, 2014, in press
 - **“Regularized seismic full waveform inversion with prior model information”**, **Geophysics**, 78(2), R25-R36, 2013
 - **Teaching Assistant of Prof. Jean Virieux and Dr. Olivier Coutant**, Experimental **Seismic fieldtrip** of Master students
 - Worked as a part of **SEISCOPE** consortium group
- ❖ Jul. 2009-Dec. 2009 **Research Assistant (M.Sc. internship), Seismic Imaging Dep. of TOTAL, Pau, France**
 - **Developed codes in C++** to apply different **uncertainty analysis** techniques in seismic **tomography** and their application to **velocity model estimation**
 - Uncertainty due to errors in travel times picking (**Bootstrapping method**)
 - Uncertainty due to insufficiency of data (**Jack knifing method**)

EDUCATION

- ❖ **PhD Thesis at ISTerre (Université Joseph Fourier) and TOTAL E&P, Grenoble/Pau, France** Apr. 2010-Oct. 2013
 - **“Quantitative 4D seismic imaging in complex media using 2D Full Waveform Inversion”**
- ❖ **M.Sc. Petroleum Geosciences Major in Geophysics, IFP School, Paris, France** Sep. 2008-Jan. 2010
 - Honored TOTAL’s scholarship
- ❖ **B.Sc. Electrical Engineering, Amirkabir University of Technology, Tehran, Iran** Sep. 2004-Jun. 2008
 - **GPA of 19.13/20 (Ranked 1st/100)**

SPECIFIC SKILLS

- ❖ Languages: **English** fluent **French** Speaking fluent, writing intermediate
Persian Mother Language
- ❖ **Computer skills:** FORTRAN, MPI programming, MATLAB, Seismic Unix package (seismic processing), Petrel, GlobeClaritas, Promax, Tsunami for Pre-stack depth migration tomography

SUPPLEMENTARY INFORMATION

- ❖ Marital status: single Date of Birth: Sep. 1986
- ❖ Sport: Tennis, Badminton, hiking, ski