

SUMMER SCHOOL 2018

FULL WAVEFORM INVERSION: MATHEMATICS AND GEOPHYSICS

SEPTEMBER 17-21, 2018 AT KIT, KARLSRUHE

Full Waveform Inversion is a leading edge imaging technique that exploits the full signal content of seismic data. Lectures and computer tutorials present the foundations, the realisation and the application of full waveform inversion for seismic exploration.

INVITED LECTURERS:

Andreas Fichtner (ETH Zurich, Switzerland)

Maarten de Hoop (RICE University, USA)

Russell Hewett (TOTAL E&P Research & Technology, USA)

Jean Virieux (Univ. Grenoble Alpes, France)

CRC 1173 WAVE PHENOMENA

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<http://www.waves.kit.edu/summer>

Wave phenomena
analysis and numerics

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Karlsruhe Institute of Technology