Vorlesung "Theorie elastischer Wellen 2"
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Termin	Inhalt	Dozent
Mo, 02.04.2018	Ostermontag	-
Do, 05.04.2018	Vorlesungsvorbesprechung	-
Mo, 09.04.2018	Overview and introduction to seismic modelling	D. Köhn
Do, 12.04.2018	Short intro to Python and Jupyter notebooks	D. Köhn
Mo, 16.04.2018	Review of wave equations and analytical solutions	D. Köhn
Do, 19.04.2018	Compute analytical solutions in Python	D. Köhn
Mo, 16.04.2018	How to put the real earth into a computer aka mesh generation	D. Köhn
Do, 19.04.2018	Mesh generation with Python	D. Köhn
Mo, 23.04.2018	Introduction to finite difference modelling	D. Köhn
Do, 26.04.2018	ANGUS-II Treffen	-
Mo, 30.04.2018	Finite-Differences: Stability, dispersion and convergence	D. Köhn
Do, 03.05.2018	2D acoustic FD modelling in Python	D. Köhn
Mo, 07.05.2018	The elastic 1D/2D SH-Problem	D. Köhn
Do, 10.05.2018	Christi Himmelfahrt	-
Mo, 14.05.2018	Modelling of Love-waves	D. Köhn
Do, 17.05.2018	From Love to Rayleigh waves - the 2D PSV problem	D. Köhn
Mo, 21.05.2018	Pfingstmontag	-
Do, 24.05.2018	Modelling SH-waves in 2D moons and planets I	D. Köhn
Mo, 28.05.2018	Modelling SH-waves in 2D moons and planets II	D. Köhn
Do, 31.05.2018	Theory of visco-elastic wave propagation I	D. Köhn
Mo, 04.06.2018	Theory of visco-elastic wave propagation II	D. Köhn
Do, 07.06.2018	1D visco-elastic SH-FD modelling	D. Köhn
Mo, 11.06.2018	Sensitivity Kernels I	T. Meier
Do, 14.06.2018	Sensitivity Kernels II	T. Meier
Mo, 18.06.2018	Acoustic Frequency Domain FD Modelling (FDFD)	D. Köhn
Do, 21.06.2018	Visco-acoustic FDFD Modelling with PMLs	D. Köhn
Mo, 25.06.2018	Theory of anisotropic-elastic wave propagation I	D. Köhn
Do, 28.06.2018	Theory of anisotropic-elastic wave propagation II	D. Köhn
Mo, 02.07.2018	2D anisotropic-elastic SH-FD modelling	D. Köhn
Do, 05.07.2018	Limits of FD modelling and intro to Spectral Element modelling I	D. Köhn
Mo, 09.07.2018	Introduction to Spectral Element modelling II	D. Köhn
Do, 12.07.2018	1D elastic SH Spectral Element modelling	D. Köhn
Mo, 16.07.2018	Summary	D. Köhn
Do, 19.07.2018	Outlook: Beyond the elastic approximation	D. Köhn