

Deep Earth Mini Symposium

17. December 2018 in Geo315 (Corrensstr 24, 48149 Münster)

9:00-9:10 Tine Thomas - **Welcome and Introduction**

9:10-9:50 Jennifer Jackson - *Constraints on ultralow velocity zone interpretations*

9:50-10:10 Tobias Grützner - *Experiments on fluorine in transition zone minerals*

10:10-10:40 Carmen Sanchez-Valle - *Seismic signature of hydration in subduction zones*

10:40-11:00 **coffee**

11:00-11:40 Sebastian Rost - *Linking small-scale heterogeneity and large-scale mantle structure*

11:40-12:00 Bernhard Schuberth - *Linking mantle circulation models to tomographic images and seismic observations -- The role of uncertainties*

12:00-12:30 Andreas Stracke - *Geochemical observations in the context of global geodynamics*

12:30-13:30 **lunch**

13:30-14:10 Jeroen Ritsema - *Synthetic tomography of a thermal plume*

14:10-14:30 Michael Grund - *Discrepancies in SKS-SKKS shear wave splitting: An indicator for contributions from lowermost mantle anisotropy*

14:30-14:50 Angelo Pisconti - *Constraining deformation and mineralogy in the lowermost mantle*

14:50-15:10 Morvarid Saki - *Detecting seismic anisotropy across the 410 km discontinuity using the underside reflections.*

15:10-15:30 **coffee**

15:30-16:00 Laura Cobden - *Insights on upper mantle melting and anelasticity from seismic shear-wave tomography*

16:00-16:30 Ulli Hansen - *Layer formation in the mantle*

16:30-18:00 **Postersession with wine and cheese**

Reiss, Ma, Abreu, Durand, Rochira, Hiemer, Hosseini, Dude?, Rohrbach? ...