

## Program of the Kick-off meeting of the FOR 2125

“Structures, properties and reactions of carbonates at high temperatures and pressures“

**DESY Hamburg**  
**EMBL Seminar room Building 48E**

**Tuesday, 17 February 2015**

12:00-13:30		Lunch at the DESY canteen
13:30-14:00	Project 0	Bjoern Winkler: <i>General remarks</i>
14:00-14:30	Project 1	Lkhamsuren Bayarjargal: <i>CARS and TRLFS measurements at high pressures and temperatures</i>
14:30-15:00	Project 2	Jan Müller: <i>Melting relations in the system CaCO<sub>3</sub>-MgCO<sub>3</sub> at 6 Gpa</i>
15:00-16:00		Coffee and posters
16:00-16:30	Project 4	Karen Appel: <i>Initial steps and boundary conditions</i>
16:30-18:00		Excursion: Micro-machining with the Optec machine
19:00		Dinner at “Samarkand”

**Wednesday, 18 February 2015**

7:30-8:30		Breakfast at bistro
8:30-9:00		Checking out of the guest house
9:00-9:30	Project 5	Thomas Schlothauer: <i>Halide based shock-wave treatment of fluid-rich natural phases</i>
9:30-10:00	Project 6	Catherine McCammon: <i>Elastic wave velocities of carbonates at high P, T and their seismic signature</i>
10:00-10:30	Project 7	Valerio Cerantola: <i>High pressure investigation of phase relations and transitions involving iron-containing carbonates</i>
10:30-11:00		Coffee
11:00-11:30		Christian Sternemann: <i>Spin transition of siderite single crystal studied by x-ray Raman scattering: First steps</i>
11:30-12:00	Project 0	Björn Winkler: <i>Final remarks, next steps</i>
12:00-13:00		Lunch
13:00		Departure