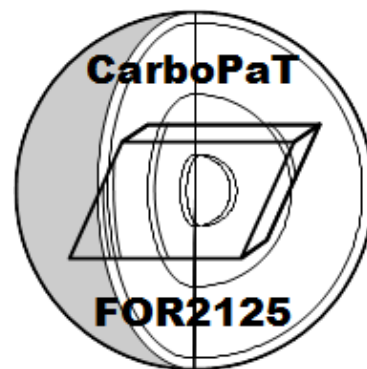


Preliminary program 3rd meeting of the FOR 2125

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

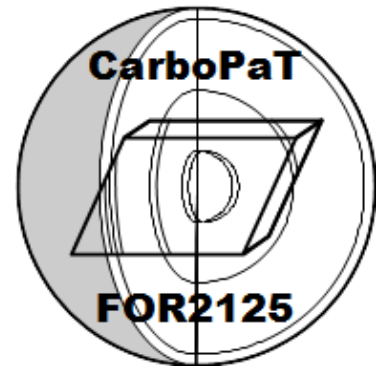
Meeting – Reiche Zeche/
Krüger-Haus (Schlossplatz 4)

Hotel - Hotel Kreller, Fischerstr.5, 09599 Freiberg
<http://www.hotel-kreller.de/kreller2/>



Thursday, 21st April

12:30 – 14:00		Lunch at “Mensa University Freiberg” Agricolastrasse 10, 09599 Freiberg https://studentenwerk-freiberg.de/freiberg/?no_cache=1
14:30 – 18:00	Project 0 Project 5	Visit to “Reiche Zeche”, shock wave laboratory Presentations at “Heilstollen” <u>Björn Winkler</u> : Introduction <u>Thomas Schlothauer</u> : “Das untertägige Schockwellenlabor der TU Bergakademie Freiberg”
18:00 – 18:45	Project 1	<u>Chris Fruhner</u> : Phase stabilities of carbonates at high pressure and temperature studied in the LH-DAC by CARS and TRIFS <u>Michal Stekiel</u> : High pressure elasticity of FeCO ₃ and high PT time resolved diffraction study of SrCO ₃
18:45 – 19:30	Project 2	<u>Ilias Efthymiopoulos</u> : Vibrational response of dolomite at extreme conditions <u>Jan Müller</u> : Siderite at high pressure and high temperature
20:00		Dinner at “Stadtwirtschaft” http://www.stadtwirtschaft.de/



Friday, 22nd April

9:00 – 9:30	invited talk	<u>Craig Manning</u> : “DCO”
9:30 – 10:05	Project 4	<u>Nicole Biedermann</u> : First material syntheses and experimental approach
10:05 – 10:20	TU Dortmund	<u>Christopher Weis</u> : Pressure-induced spin transition of Fe ⁽²⁺⁾ in magnesio-siderite solid solution and siderite studied by x-ray Raman scattering
10:20 – 11:00		Coffee
11:00 – 11:45	Project 6	<u>Stella Chariton</u> : Elastic wave velocities of carbonates at high pressure
11:45 – 12:30	Project 7	<u>Leonid Dubrovinsky</u> : Crystalchemistry of CO ₄ -bearing carbonates
12:30 – 13:15	Project 0	<u>Björn Winkler</u> : Final remarks, next steps
13:30 – 14:30		Lunch at “Schwanenschlößchen” & departure