



PROGRAMM

Initial Training Workshop
SPP 1833 "Building a Habitable Earth"
Institut für Geologie und Mineralogie der Universität zu Köln
Greinstr. 4-6, Hörsaal der Mineralogie, Erdgeschoss



Tuesday, April 5th

9:00

Frank Wombacher & Dominik Hezel, Köln: "Meteorites – Composition and formation of Earth's building blocks"

9:50

Hubert Klahr, Heidelberg: "From Dust and Ice to Planets: The Astrophysics of the Solar Nebula"

10:40

Carsten Münker, Köln: „The Early chronology of the Earth and the solar system“

11:30

Ulli Hansen, Münster: "Magma Ocean Dynamics"

12:20 -13:00 Lunch Break

13:00

Dave Rubie, Bayreuth: "Core formation and magma oceans on the early Earth"

13:50

Chris Ballhaus, Bonn: "The history of volatile delivery on Earth"

14:40

Raul Fonseca, Bonn: "Mineral/melt partitioning applied to differentiation of terrestrial planets"

15:30

Mario Trieloff & Jens Hopp, Heidelberg: "Origin of terrestrial atmophile elements and the evolution of the early atmosphere"

16:20

Elis Hoffmann, Berlin: „Formation processes of Earth's early continental crust“

17:10

Armin Zeh & Axel Gerdes, Karlsruhe & Frankfurt: "Zircon as an archive of early earth processes"

Wednesday, April 6th

9:00

Michael Bau, Bremen: "Early Precambrian chemical sediments as archives of paleoenvironmental conditions"

9:50

Ronny Schoenberg & Harald Straus, Tübingen & Münster: „The first appearance of free O₂ in Earth's atmosphere“

10:40

Andreas Pack, Göttingen: "Non traditional reading of traditional stable isotopes: new experiments on ancient rocks"

11:30

Ronny Schoenberg & Stefan Weyer, Tübingen & Hannover: „Novel isotope proxies for the early evolution of oceans, atmosphere and life“

12:20-13:30 lunch break, followed by general SPP Meeting

