



PROGRAMME

Initial Training Workshop 2019 SPP 1833 "Building a Habitable Earth"

26.-27.03.2019

Institut für Geologie und Mineralogie der Universität zu Köln
Zülpicher Straße 49b, Hörsaal Erdgeschoss



Tuesday, March 26th

- 9:00** **Dominik Hezel, Köln:** "Meteorites and evolution of the protoplanetary disk"
- 9:50** **Frank Wombacher, Köln:** "Building Earth"
- 10:40 -11:00 *Coffee Break*
- 11:00** **Mario Fischer-Gödde, Köln:** "Late accretion"
- 11:50** **Carsten Münker, Köln:** "Early chronology of the Earth and the solar system"
- 12:40 -13:40 *Lunch Break*
- 13:40** **Raul Fonseca, Köln:** "Trace element partitioning applied to the differentiation of terrestrial planets"
- 14:30** **Mario Trieloff, Heidelberg:** "Origin of terrestrial atmophile elements and the evolution of the early atmosphere"
- 15:20 -15:40 *Coffee Break*
- 15:40** **Jakub Surma & Andreas Pack, Göttingen:** "Non traditional reading of traditional stable isotopes: new experiments on ancient rocks"
- 16:30** **Sebastian Viehmann & Michael Bau, Wien/Bremen:** "Early Precambrian chemical sediments as archives of paleoenvironmental conditions"
- 17:20** **Axel Gerdes, Frankfurt:** "Zircon as an archive of early Earth processes"
- ~18:30 *Optional: „Get together“ in „Hellers Brauhaus“, Roonstr.33 (near Zülpicher Platz)*

Wednesday, March 27th

- 9:00** **Elis Hoffmann, Berlin:** "Formation processes of Earth's early continental crust"
- 9:50** **Ronny Schoenberg & Harald Strauss, Tübingen & Hannover:** „Appearance and evolution of oxygen in Earth's atmosphere"
- 10:40 -11:00 *Coffee Break*
- 11:00** **Stefan Weyer & Ronny Schönberg, Hannover & Tübingen:** „Novel isotope proxies for the redox evolution of Earth's early oceans and atmosphere and implications for the development of life"
- 11:50** **Christian Hallmann, Bremen:** "Molecular and organic approaches to tracing Earth's earliest biosphere"
- 12:40-14:00 *Lunch break, followed by General Meeting of the SPP 1833*

