

Museum für Naturkunde Berlin
Seminar on **Impact- and Meteorite Research**

Winter Semester 2022/23

Where: Large meeting room, first floor (MfN westwing)
Note: external visitors need to register at the MfN staff entrance

When: Thursdays, 11 am, s.t. (CET)

Chairs: Prof. Dr. Kai Wünnemann, Prof. Dr. Lutz Hecht

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- 17.11.22** **Matthew Huber** (University of the Western Cape, South Africa)
“Proximal impact ejecta from the Vredefort impact structure: Characteristics and implications”
- 24.11.22** **Yichen Wang** (Planetary Environmental and Astrobiological Research Laboratory, School of Atmospheric Sciences, Sun Yat-sen University, China)
“The effect of small primary and secondary impacts on porosity of lunar regolith revealed by impact modeling”
- 15.12.22** **Elizaveta Kovaleva** (University of the Western Cape, South Africa and GFZ Potsdam)
“Testing an existing paradigm of zircon shock deformation with high-resolution TEM”
- Mi 21.12.22** **Juliane Gross** (NASA – Johnson Space Center, Houston, USA)
“Preparing for future missions to the Moon and beyond with ANGSA, a “new” lunar sample return mission that connects our past to our future”
- 05.01.23** **Lutz Hecht und Ansgar Greshake** (MfN)
“Establishing a sample facility for planetary materials”
- 12.01.23** **Andrea Miedtank** (MfN)
“Desert dust or cosmic dust – late pleistocene and Holocene micrometeorites from the Atacama Desert”

- 19.01.23** **Christopher Hamann (MfN)**
“First results of the research cluster Early Solar System”
- 02.02.23** **Tomke Lompa (MfN)**
“The effect of isostatic adjustment processes on lunar far side basins”
- 09.02.23** **Frank Brenker (Goethe Universität Frankfurt/Main)**
“Domaine du Meteore: Proof for the impact origin of a well-known crater structure in the heart of Europe”
- 16.02.23** **Robert Luther (MfN)**
“The DART Mission”