

CRC 1211 Summer Lecture Series 2021



Mondays during the summer semester - 5:00-6:30 pm via Zoom

3.5.	A03 D04	M. Meyers M. Schiffer	Paleo-climate rainfall in the Atacama Desert in global and regional climate models Exhausting the detection limits of accelerator mass spectrometry
10.5.	C04 C07	B. Ritter & A. Zinelabedin J. Braun	Calcium-Sulphate cover as modulator for landscape forming processes - Preserving and shaping the landscape of the Atacama Desert Has the Southeast Tibetan Plateau stopped expanding 10 Myr ago?
17.5.	A02 B02/B03	V. Wennrich F. Nitsche & H. Arndt	Lakes in the driest desert on Earth - Precipitation history of the Atacama Desert since the Miocene derived from clay pan records Evolution and Co-evolution at the dry limit – exemplified by protists from the Atacama Desert
31.5.	A01 B08	J. Schween & U. Löhnert P. Schiffer & A. Waldvogel	Atacama coastal clouds and circulation patterns observed with ground-based remote sensing New project B08: Comparative diversity and evolutionary age of desert nematode communities
7.6.	B01 C02	M. Koch J. Walk	Phenotypic variation in Tillandsia landbeckii: Genetically fixed or environmentally influenced plasticity? Atacama's coastal alluvial fans from a geomorphological, geochronological, and pedological perspective
14.6.	D06 C08	N. Leicher & V. Wennrich T. Reimann	Tephrochronology and -stratigraphy of terrestrial and marine sediment successions of the Atacama Desert/ Northern Chile New project C08: Hyper-arid landscapes in transition - understanding soil-landscape evolution at the transition from biotic to abiotic driven Earth surface dynamics through novel luminescence-based methods
21.6.	D03 D03	S. Klipsch M. Staubwasser	tba tba
28.6.	D07 B04	S. Scheidt et al. A. Hakobian	Geophysics within the CRC 1211 - initial results, state of art and future plans Microbial life in the Atacama Desert
5.7.	B06	T. Wiehe C. Heim & H. Mißbach	Finding and analysing Tenebrionid-specific genes tba (New project)
12.7.	B07 A02/D07	J. Bechteler B. Blanco-Arrué et al.	Genetic basis of adaptation to aridity in plants Transient electromagnetic detection of sedimentary deposits at Paranal and PAG claypans
19.7.	C05 A04	S. Binnie P. Grunert	tba Land-ocean coupling between the Humboldt Current and Atacama paleoclimate

If you are interested in joining, please write to Daniela Hülle (huelled@uni-koeln.de).