

3rd Leipziger Staubtag - interdisciplinary workshop on mineral dust

23 Nov 2016 at KUBUS Leipzig, Germany

Time	Presenter	Title
09:00	Kerstin Schepanski	Opening
09:05	Christian Opp	Dust-caused environmental problems - research approaches and case studies from central Asia and Iran
09:35	Julian Hofer	Overview of 18 months of lidar measurements during the Central Asian Dust Experiment (CADEX) in Dushanbe, Tajikistan
09:50	Onn Crouvi	An Israeli Haboob: Sea breeze activating local anthropogenic dust sources in the Negev loess
10:05	Robert Wagner	Relevance of wild fires on dust emissions via interaction with near-surface winds - first results from Large-Eddy Simulations
10:20 Coffee break		
10:50	Pavla Dagsson Waldhauserova	Dust particle and event characteristics from the largest desert in Europe and Arctic - Iceland
11:05	Sabine Egerer	Conclusions from North Atlantic sediment records on Holocene Saharan land surface evolution: simulating the dust cycle
11:20	Christoph Zielhofer	Holocene Saharan dust events during solar maximum
11:35	Stefanie Feuerstein	Characterization of alluvial dust sources in the Sahara using remote sensing data
11:50	Matt Baddock	Linking geomorphology to dust emission: concepts, approaches and results
12:05	Frank Eckardt	Southern African Dust Sources
12:20	Jamie Banks	RTTOV simulations of the sensitivity of SEVIRI Desert Dust RGB imagery to assumed dust optical properties
12:35 Lunch break & posters		
14:00	Albert Ansmann	Record-breaking dust storms over the Eastern Mediterranean/Middle East region in September 2015: Cloud-process-resolved/regional modeling, satellite remote sensing, lidar, and in-situ observations
14:30	Thea Schiebel	Atmospheric ice nucleating particle concentrations measured during dust events in the Mediterranean
14:45	Daniel Weber	Ice nucleating potential of atmospheric mineral dust measured over Cyprus
15:00	Hannes Griesche	Evaluation of the effect of dust aerosol on the forecast skill of numerical weather prediction models based on continuous ground-based remote sensing with CLOUDNET
15:15	Ulrike Vogelsberg	Simulated dust processing of mineral iron in the atmosphere
15:30 Coffee break		
16:00	Klemens Ilse	Microstructural analysis of the soiling process in desert regions
16:15	Michelle van der Does	Particle size of Saharan dust across the Atlantic Ocean from 2012-2014
16:30	Ute Merkel	Dust deposition off West Africa - insights from grain-size distributions, deep-ocean mass fluxes and climate modelling
16:45	Josef Gasteiger	Occurrence of vertical mixing in the Saharan Air Layer studied with an integrated model, lidar, and in-situ approach in the frame of the SALTRACE campaign
17:00 Concluding remarks		
19:00 Dinner		