

Program "Leipziger Staubtag"

7 July 2015, KUBUS Leipzig, Permoser Str. 15, 04318 Leipzig

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| 08:30-09:00 | Registration, poster installation |
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| Time | Presenter | Title |
|---------------------|----------------------|--|
| 09:00 | Kerstin Schepanski | Welcome |
| 09:05 | Albert Ansmann | TROPOS lidar activities to characterize optical and microphysical properties and the ice nuclei potential of Saharan, Middle East and central Asian dust |
| 09:35 | Bernadett Weinzierl | |
| 09:50 | Konrad Kandler | Long-range-transported Saharan dust in the Caribbean boundary layer - an electron microscopy perspective of aerosol composition and modification |
| 10:05 | Ottmar Möhler | A new model parameterisation framework of heterogeneous ice formation by desert dust and soil dust aerosols |
| 10:20 | Thea Schiebel | INKA - A new Instrument for Investigations of the Ice Nucleation Ability of Soil Dusts |
| 25 min Coffee Break | | |
| 11:00 | Laura Korte | Saharan dust deposition in the Atlantic Ocean @ 12°N |
| 11:15 | Carmen Friese | Spatial and seasonal grain-size variation of Saharan dust deposited offshore Cape Blanc |
| 11:30 | Hans von Suchodoletz | Deriving the input of Saharan dust during the Late Quaternary from geomorphological archives on the Canary Islands |
| 11:45 | Thomas Stevens | Yellow River sediment dynamics and the provenance of Chinese Loess Plateau dust |
| 12:00 | Daniel Wolf | Loess and dust in terrestrial archive research - opportunities and open questions |
| 12:15 | Sabine Egerer | Dynamics of Holocene Saharan Dust Sources and Transport |
| 60 min Lunch Break | | |
| 13:30-15:00 | Poster Session | |
| 15:00 | Roger Funk | Dust emission from arable land |
| 15:15 | Lars Klüser | Inter-comparison of four dust retrieval algorithms within ESA's Climate Change Initiative |
| 15:30 | Malte Jäger | Deposition of Desert Dust into the Atlantic Ocean - Satellite Based Analysis of a January 2015 Dust Event |
| 15:45 | Robert Wagner | Reasons for the observed differences in Saharan dust source activation between 2007 and 2008 |
| 30 min Coffee Break | | |
| 16:30 | Peter Knippertz | The challenge of modelling the meteorology of dust emission: An overview of the Desert Storms project |
| 16:45 | Martina Klose | Dust devil characteristics and sediment transport based on large-eddy simulation |
| 17:00 | Florian Pantillon | Parameterizing convective dust storms in large-scale models |
| 17:15 | Discussion | |