



2nd A-LIFE Workshop - 29 and 30 November 2018

Rundeturmstraße 10, 64283 Darmstadt
<https://goo.gl/maps/jq4Nbj3QbJ2>
N 49.8696, E 8.6562



Workshop Agenda (V02, 27.11.2018, bw)

Thursday, 29 November 2018		
09:00-9:15	Bernadett Weinzierl (UNIVIE) & Konrad Kandler (TU Darmstadt)	Welcome and meeting logistics, goals of the meeting and agenda
Session 1: Overview and supporting products		
09:15-09:45	Heidi Huntrieser (DLR) & Robert Wagner (TROPOS)	Classification of the weather situation during the A-LIFE (usual/unusual weather...)
09:45-10:00	Bernadett Weinzierl (UNIVIE)	Short summary of A-LIFE instrumentation, flights and observed aerosol types
10:00-10:15	Petra Seibert (BoKu)	Atmospheric transport modelling support for A-Life: methods and products
Session 2: Remote sensing and aerosol radiosondes during A-LIFE		
10:15-10:30	Carlos Toledano (University of Valladolid)	Sun-sky-moon photometer observations during A-LIFE
10:30-10:45	Silke Groß (DLR)	Overview of POLIS-6 lidar measurements during A-LIFE
10:45-11:00	Coffee break	
11:00-11:15	Moritz Haorig (TROPOS)	A-CARE: Combining lidar and in-situ results to improve the EarthCARE algorithms
11:15-11:30	Maria Kezoudi (University of Hertfordshire)	Profiling mineral dust size distributions in the eastern Mediterranean with the novel particle counter UCASS, and validation with coinciding measurements, lidar & sun-photometer retrievals
11:30-11:45	Discussion	
Session 3: Formation of new particles, aerosol-cloud interactions		
11:45-12:00	Sophia Brilke (UNIVIE)	New Particle Formation and Sub-10 nm Particle Size Distribution Measurements during A-LIFE
12:00-12:15	Xianda Gong (TROPOS)	In situ measurement of aerosol, cloud condensation nuclei and ice nucleating particles at Paphos, Cyprus
12:15-12:30	Maximilian Dollner (UNIVIE)	Airborne cloud measurements during A-LIFE
12:30-12:45	Albert Ansmann (TROPOS)	Towards quantification of the dust impact on ice formation in altocumulus and cirrus layers
12:45-13:00	Discussion	
13:00-14:15	Lunch break	
Session 4: Optical properties and chemical composition		
14:15-14:30	Manuel Schöberl (UNIVIE)	Characterization of airborne aerosol inlets during A-LIFE
14:30-14:45	Judith Kasper (UNIVIE)	OPAL@A-LIFE - the first deployment of a novel instrument for the detection of refractive index of single-particles
14:45-15:00	Marilena Teri (UNIVIE)	Airborne multi-wavelength polar scattering measurements in Saharan and Arabian dust layers during A-LIFE
15:00-15:15	Katharina Heimerl (UNIVIE)	Black Carbon in Saharan and Arabian Dust Layers during A-LIFE
15:15-15:30	Konrad Kandler (TU Darmstadt)	Aerosol composition by electron microscopy during A-LIFE
15:30-15:45	Discussion	
Session 5: Discussions		
15:45-16:15	Breakout discussions (particular collaborations including A-LIFE & SALTRACE-related publications, individual data exchange, preparation of deliverables for ESA project, ect.)	
16:15-16:45	Coffee break	
16:45-18:00	Breakout discussions (particular collaborations including A-LIFE & SALTRACE-related publications, individual data exchange, preparation of deliverables for ESA project, ect.)	

Friday, 30 November 2018		
Session 6: Synthesis, publication plans and future collaborations for data analysis		
09:00-10:00	A-LIFE overview paper: journal and content	
10:00-11:00	Summary of results from Sessions 1-4 & summary of breakout discussions	
11:00-11:15	Coffee break	
11:15-13:00	Discussion of publication plans, data needs, setup of a special issue etc.	
13:00-14:15	Lunch break	

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