26.06.2017		**(afternoon)**			**convener**
13:00	14:00	**Registration**			
14:00	**14:15**	**Welcome & Logistics**			
14:15	14:45	1 MESSy - From the past to the future	Patrick Jöckel	new and ongoing	Andrea Pozzer
14:45	15:00	2 First steps into a MESSy future: Data Import to five different basemodel grids	Astrid Kerkweg		
15:00	15:15	3 Status of LPJ-GUESS-EMAC coupling	Matthew Forrest		
15:15	15:30	4 Recent developments: MECCA skeletal mechanism reduction, MCM, chemical property database, CLOUDJ and TUV photolysis, KPP for SCAV etc.	Rolf Sander		
15:30	15:45	5 Progress of upper atmosphere EMAC development	Sabine Barthlott		
15:45	**16:15**	**coffee break**			
16:15	**16:30**	**discussion**			
16:30	16:45	6 Update on SWIFT - a submodel for fast stratospheric ozone chemistry	Janice Scheffler	developments	Daniel Kunkel
16:45	17:00	7 ORACLE 2D: An efficient module that tracks the volatility and the oxygen content of organic aerosol	Alexandra Tsimpidi		
17:00	17:15	8 Superparameterized (SP)-EMAC - effects of subgrid-scale processes; overview on future possibilities	Harald Rybka		
17:15	17:30	9 An improved ice cloud formation parameterization in the CLOUD submodel	Sara Bacer		
17:30	17:45	10 ESMValTool	Axel Lauer	tools	
18:00		**departure to hotels and check-in**			
19:30		**dinner**			

27.06.2017		**(morning)**			
09:00	09:15	11 ATTILA current and future developments	Sabine Brinkop	Lagrangian modeling	Sergey Gromov
09:15	09:30	12 First results of Lagrangian modelling with CLaMS-MESSy	Jens-Uwe Grooß		
09:30	09:45	13 "There used to be more LaMETTA" -- A Lagrangian MESSy Tool for Trajectory Analysis (in ICON)	Bastian Kern		
09:45	10:00	14 Parameterisation of water vapor yield from methane oxidation in the CH4 submodel	Franziska Frank	methane	
10:00	10:15	15 Climate change through extreme methane emissions	Fabian Tanalski		
10:15	**10:45**	**coffee break**			
10:45	**11:00**	**discussion**			
11:00	11:15	16 Tropospheric Ozone over South Asia	Narendra Ojha	tropospheric chemistry	Domenico Taraborrelli
11:15	11:30	17 Climate impact of road traffic emissions in Germany - First results with TransClim	Vanessa Rieger		
11:30	11:45	18 Tropospheric mixing by various processes, etc.	Holger Tost		
11:45	12:00	19 Polar boundary layer bromine explosions and ozone depletion in EMAC v2.52	Stefanie Falk		
12:00	12:15	20 Further development of the air traffic modeling in EMAC: AirTraf	Hiroshi Yamashita		
12:30	**13:30**	**lunch break**			
13:30	**14:00**	**discussion**			

27.06.2017		**(afternoon)**				
14:00	14:15	21 Deriving stratospheric age spectra from observations and models	Marius Hauck	stratospheric dynamics	Ole Kirner
14:15	14:30	22 Simulation of Age of Air in CCMI	Simone Dietmüller		
14:30	14:45	23 On the wave forcing brouhaha in the stratosphere of EMAC and other CCMI models	Roland Eichinger		
14:45	15:00	24 Calculation of mean age of air and age spectra in EMAC	Frauke Fritsch		
15:00	15:15	25 Stability of the southern hemisphere vortex in EMAC simulations	Stefan Versick		
15:15	**15:45**	**coffee break (and group photo!)**			
15:45	**16:00**	**discussion**			
16:00	16:15	26 Free atmospheric acidity from cloud multi-phase chemistry	Domenico Taraborrelli	aerosol & multiphase chemistry	Christof Beer
16:15	16:30	27 Ion induced inorganic and organic aerosol nucleation	Sebastian Ehrhart		
16:30	16:45	28 Performance evaluation of EMAC-SVOC and long-range transport study	Mega Octaviani		
16:45	17:00	29 Coupling MADE3 with mixed-phase and ice clouds in EMAC	Mattia Righi		
17:00	17:15	~~30 Evaluation of Metop - PMAp Version 2 AOD Products using EMAC Data~~	~~Swen Metzger~~		
17:30		**departure**			
19:00		**dinner**			

28.06.2016		**(morning)**				
09:00	09:15	31 Simulation of the ATAL with EMAC T106L90	Jianzhong Ma	...	David Cabrera
09:15	09:30	32 Stratospheric aerosol by EMAC-2.52 compared with observations	Christoph Brühl		
09:30	09:45	33 Comparison of EMAC simulations for the Arctic winter 2015/2016 with Aura/MLS and GLORIA observations	Farah Khosrawi	arctic chem.	
09:45	10:00	34 Quantifying uncertainties of climate signals related to the 11 year solar cycle	Markus Kunze	solar variation & climate	
10:00	10:15	35 Frequencies of El Niño/La Niña events in EMAC-O under future climate change conditions	Tobias Spiegl		
10:15	**10:45**	**coffee break**			
10:45	**11:00**	**discussion**			
11:00	11:15	36 Fog forecasting with COSMO/MESSy	Maike Hacker	COSMO/ MESSy & MECO(n)	Christiane Hofmann
11:15	11:30	37 Modelling across the scales MECO(1) - campaign hindcast and aviation impacts	Sigrun Matthes		
11:30	11:45	38 Contribution of road traffic emissions to tropospheric ozone and further plans	Mariano Mertens		
11:45	**12:15**	**Plenary Discussion & Closing Remarks**			
12:15	**13:15**	**optional lunch at mensa / cafeteria**			
13:15		**END**			