

02.07.2019		(afternoon)				convener	
13:00	14:00	Registration					
14:00	14:15	Welcome & Logistics					
14:15	14:45	1	Recent updates and strategy for further developments of MESSy	Patrick Jöckel	new developments	Ole Kirner	
14:45	15:00	2	Recent developments of the MECCA chemistry submodel	Rolf Sander			
15:00	15:15	3	Overview of recent developments in EMAC/MECCA/MC	Sergey Gromov			
15:15	15:30	4	The MESSy submodel OASIS3MCT	Astrid Kerkweg			
15:30	15:45	5	Recent Developments for EMAC and MECO(n) from Uni-Mainz	Holger Tost			
15:45	16:15 coffee break						
16:15	16:30 discussion on source code repository and DOIs						
16:30	16:45	6	Running complex chemistry simulations with EMAC on JUWELS GPU	Olaf Stein	...	Gebhard Güthner Jens-Uwe Grooß	
16:45	17:00	7	Intercomparison of EMAC and CESM1/MESSy results	Shaddy Ahmed			
17:00	17:15	8	On the consistency of Leaf Area Index usage	Tamara Emmerichs			
17:15	17:30	9	FRONTAIR: Concept, Status and Developments	Simon Rosanka	frontier simulations		
17:30	17:45	10	HGF-ESM Frontier simulations on monsoon systems	Sabine Brinkop			
18:00	departure to hotels and check-in						
19:30	dinner						
03.07.2019		(morning)					
09:00	09:15	11	Recent regional MECO(n) applications at Uni Mainz	Joachim Fallmann	regional modelling	Christiane Hofmann Jens-Uwe Grooß	
09:15	09:30	12	MECO(n) intercomparison with TROPOMI and ground-based remote sensing measurements	Vinod Kumar			
09:30	09:45	13	Evaluation of Methane Forecasts with MECO(n) for CoMet Campaign	Anna Nickl			
09:45	10:00	14	High Resolution chemistry simulations for Berlin/Stuttgart	Mariano Mertens			
10:00	10:15	15	On-going COSMO and COSMO/MESSy developments	Astrid Kerkweg			
10:15	10:30 coffee break						
10:30	11:00 discussion on further COSMO/MESSy and MECO(n) development						
11:00	11:15	16	Atmospheric ice crystals in EMAC	Sara Bacer	clouds & aerosol	Alexandra Tsimpidi	
11:15	11:30	17	New Particle Formation in EMAC	Sebastian Ehrhart			
11:30	11:45	18	How alkaline compounds control atmospheric aerosol acidity	Vlassis Karydis			
11:45	12:00	19	From Air Pollution to Climate Change - Model Evaluation Results Featuring EQSAM4clim	Swen Metzger			
12:00	12:15	20	Stratospheric aerosol	Christoph Brühl			
12:30	13:30 lunch break						
13:30	14:00 discussion						

03.07.2019		(afternoon)				
14:00	14:15	21	Modelling of stratospheric transport time distributions for chemically active species	Frauke Fritsch	stratospheric dynamics & tracer transport	Maïke Haeker Alexandra Tsimpidi
14:15	14:30	22	Inverting age spectra from models and observations	Marius Hauck		
14:30	14:45	23	Response of Stratosphere Dynamics to Missing Gravity Waves Today and in the Future	Roland Eichinger		
14:45	15:00	24	The effect of SF6 sinks on age of air trends and climatologies	Sheena Löffel		
15:00	15:15	25	Short lived halogenated hydrocarbons in EMAC, TOMCAT and observations	Andreas Engel		
15:15	15:45 coffee break (and group photo!)					
15:45	16:00 discussion					
16:00	16:15	26	Polar Vortex Regimes in the Idealized Climate Model EMIL	Roland Walz	ozone & climate	Reff Müller Maïke Haeker
16:15	16:30	27	Implications of constant CFC-11 concentrations for the future ozone layer	Martin Dameris		
16:30	16:45	28	Solar induced climate variability in CCMI simulations	Markus Kunze		
16:45	17:00	29	Effects of extreme atmospheric methane concentrations including an interactive mixed layer ocean	Laura Stecher		
17:00	17:15	30	Atmospheric Impact of Spacecraft Demise	Hiroshi Yamashita	high	
17:30	departure					
19:00	dinner					
04.07.2019		(morning)				
09:00	09:15	31	Studies of energetic particle precipitation with the extended EMAC version EDITH	Thomas Reddmann	up	Marc Barra
09:15	09:30	32	Impact of the Eruption of Mt. Pinatubo on the chemical composition of the atmosphere as simulated with EMAC	Markus Kilian	Pinatubo et al.	
09:30	09:45	33	The 1991 Pinatubo eruption case study: The sensitivity of plume development to the initial volume and chemical composition of the volcanic injection in EMAC-MPIOM	Mohamed Abdelkader		
09:45	10:00	34	Reconciling the stratospheric circulation response to volcanic forcings in climate models with reanalyses	Mohamadou Diallo		
10:00	10:15	35	CMIP6 Simulations with EMAC	Phoebe Graf	CMIP6	
10:15	10:30 coffee break					
10:30	11:00 discussion on concepts for detailed emission distribution in time and space					
11:00	11:15	36	CMORisation of EMAC CMIP6 data	Stefan Versick	CMIP6	Felix Ploeger
11:15	11:30	37	Update on the coupled EMAC-CLaMS climate model	Edward Charlesworth	Lagrangian modelling	
11:30	11:45	38	Lagrangian Modelling with CLaMS and DISSOC - Update and performance	Jens-Uwe Groß		
11:45	12:00	39	First steps to a ICON-CLaMS chemistry model	Jonas Sonnabend		
12:00	12:15	40	Lagrangian trajectories in ICON-MESSy	Bastian Kern		
12:15	12:30 Plenary Discussion & Closing Remarks					
12:30	13:30 optional lunch at mensa / cafeteria					
13:30	END					