

14.07.2014		(afternoon)			convener
13:30	14:00	Registration			
14:00	14:15	Welcome & Logistics	Ulrike Langematz / Markus Kunze		
14:15	14:45	1 MESSy 2.50 and beyond / Status of ESCiMo	Patrick Jöckel		new / ongoing model developments
14:45	15:00	2 ORACLE: A module for the description of ORganic Aerosol Composition and Evolution in the atmosphere	(Alexandra Tsimpidi) Vlassis Karydis		
15:00	15:15	3 ESWIFT - a submodel for fast stratospheric ozone chemistry	Janice Scheffler		
15:15	15:30	4 Analyzing the influence of boundary layer dynamics on atmospheric chemistry with MXL/MESSy	Ruud Janssen		
15:30	15:45	5 Superparameterised EMAC	Harald Rybka		
15:45	16:30	coffee break			
16:30	16:45	6 Passive tracer experiments with the extended EMAC	Alexey Vlasov		Patrick Jöckel
16:45	17:00	7 MESSy as interface for diagnostic tools in ICON	Bastian Kern		
17:00	17:15	8 Strategic considerations for using EMAC at higher horizontal resolutions	Peter Braesicke		
17:15	17:30	9 The extended chemical mechanism budgeting in MESSy and its application examples in EMAC	Sergey Gromov		
17:30	17:45	10 Methane oxidation in EMAC: importance of minor pathways	Domenico Taraborrelli		
17:45	18:10	11 Status of the 2-way coupling in MECO(n) [3 in 1]	Astrid Kerckweg, Christiane Hofmann, Gregor Gläser		
18:10		departure to hotels and check-in			
19:30		Dinner			
15.07.2014		(morning)			
09:00	09:15	12 Are there significant differences between equal EMAC simulations which run on different computer clusters?	Sophie Oberländer		climate & dynamics
09:15	09:30	13 Stratospheric variability: from intra-decadal to intra-seasonal timescales	Duy Cai		
09:30	09:45	14 The relevance of the location of blocking highs for stratospheric variability in a changing climate	Blanca Ayarzagüena		
09:45	10:00	15 Representation of the Asian monsoon circulation in CCMs	Markus Kunze		
10:00	10:15	16 Dynamical response of middle atmosphere to changed ozone climatology originated from electron precipitation	Khalil Karami		
10:15	10:30	17 Investigation of the stratospheric water isotope composition	Roland Eichinger		water vapour
10:30	11:15	coffee break			
11:15	11:30	18 Simulation of the global hydrological cycle	Sabine Brinkop		aerosol
11:30	11:45	19 Dynamics of Dust-Air pollution interactions over the Eastern Mediterranean	Mohamed Abdel Kader		
11:45	12:00	20 Effects of mineral dust on global atmospheric nitrate concentrations	Vlassis Karydis		
12:00	12:15	21 Simulating the global aerosol with MADE3: first results	Christopher Kaiser		
12:00	12:20	22 Climate effects of aerosol nitrate from lightning / Status of EMAC - GUESS coupling [2 in 1]	Holger Tost		
12:20	14:00	lunch break			

15.07.2014		(afternoon)				
14:00	14:15	23	Past and Future: Radiative Forcing of climate active agents with the EMAC submodel RAD	Catrin Gellhorn	radiative forcing	Sophie Oberländer
14:15	14:30	24	Calculating radiative feedbacks a posteriori using stand alone RTM	Michael Ponater		
14:30	14:45	25	Vertical transport of reactants by shallow convection	Huug Ouwersloot		
14:45	15:00	26	Global pollution transport modelling	Theo Christoudias		
15:00	15:15	27	Idealized studies of stratosphere-troposphere exchange	Daniel Kunkel		
15:15	16:15	coffee break				
16:15	16:30	28	Modelling of extrasolar planets with the EMAC model	Mareike Godolt	far away or long ago	Domenico Taraborrelli
16:30	16:45	29	Land surface parameters in EMAC and development of a setup for a permian Earth	Steven Schneider		
16:45	17:00	30	Comparing events in the UTLS from CARIBIC observations and EMAC	Hella Riede		
17:00	17:15	31	Simulated versus observed trace gases: EMAC model & ESMVal HALO campaign	Klaus-Dirk Gottschaldt	observations	
17:15	18:15	special	Anthropogenic emissions for EMAC	all		
18:15	Departure to Hotels					
19:30	Dinner					

16.07.2014		(morning)				
09:00	09:15	special	Summary report on "Anthropogenic emissions for EMAC"	David Cabrera / Andrea Pozzer		
09:15	09:30	32	Climate-optimal aircraft trajectories: REACT4C mitigation concepts studied in EMAC	Sigrun Matthes	anthropogenic impact	Theo Christoudias
09:30	09:45	33	Climate optimised air traffic routing: A REACT4C case study	Volker Grewe		
09:45	10:00	34	Global air traffic modeling in EMAC for climate assessment of routing strategies	Hiroshi Yamashita		
10:00	10:15	35	Development of an EMAC-based simplified aerosol-climate model	Mattia Righi		
10:15	10:30	36	Impact of road traffic emissions on tropospheric ozone	Mariano Mertens		
10:30	11:15	coffee break				
11:15	11:30	37	Ozone in the new EMAC consortial simulations	Stefanie Meul	ozone & precursors	Ole Kirner
11:30	11:45	38	Modeling ozone over the Tibetan Plateau	Jianzhong Ma		
11:45	12:00	39	Emission, transport and degradation of the major bromine-containing VLS in the troposphere: an inter-comparison study	Gisele Krysztofiak		
12:00	12:15	40	First Results of the ISSI-Project "Quantifying Hemispheric Differences in Particle Forcing Effects on Stratospheric Ozone"	Stefan Versick		
12:15	12:30	41	Global modelling of Aromatic VOCs	David Cabrera		
12:30	12:50	special	Discussion on "The future of ESCiMo as contribution to CCMI"	all		
12:50	13:00	Closing remarks & farewell				