

14.02.2012		(afternoon)				
13:30	14:00	Welcome				convener
14:00	14:15	1	What is new in MESSy Version 2.42?	Jöckel, Patrick	developments in progress	Markus Kunze
14:15	14:30	2	Development of a Lagrangian Dynamical Core	Brinkop, Sabine		
14:30	14:45	3	EMAC-CLaMS: Lagrangian Tracer Transport in the Stratosphere	Hoppe, Charlotte		
14:45	15:00	4	The MECO(n) system: status of the chemistry implementation	Kerkweg, Astrid		
15:00	15:15	5	The current status of EMAC-CMAT	Vlasov, Alexey		
15:15	15:30	6	Air traffic in EMAC: AirTraf	Yamashita, Hiroshi		
15:30	16:30	coffee break				
16:30	16:45	7	On the experiment design for calculating contributions of anthropogenic emissions to climate change: A pitfall	Grewe, Volker	tagging and isotopes	Patrick Jöckel
16:45	17:00	8	Tagging of chemical species: Method and first results	Tsati, Hellen-Eugenia		
17:00	17:15	9	The new AIRTRAC submodel and its application for climate optimized flight planning	Frömming, Christine		
17:15	17:30	10	Stable isotopes of CO in the troposphere: results of the 3D-modelling study with EMAC	Gromov, Sergey		
17:30	17:45	11	The TENDENCY-submodel and its application to isotopes	Eichinger, Roland		
18:00	Departure to Hotels and check-in					
19:30	Dinner	Proviant-Magazin (Schillerstraße 11 a)				

15.02.2012 (morning)

09:00	09:15	12 Chemical coupling between atmosphere and ocean in EMAC-MPIOM/HAMOCC	Kern, Bastian	ocean	Volker Grewe
09:15	09:30	13 Tuning of EMAC-MPIOM	Abalichin, Janna		
09:30	09:45	14 Chemical feedbacks in climate sensitivity studies	Dietmüller, Simone		
09:45	10:00	15 An update on the FUBRad short-wave radiation parameterization	Kunze, Markus		
10:00	11:00	coffee break			
11:00	11:15	16 Stratospheric aerosol and radiative effects	Brühl, Christoph	aerosol	Andrea Pozzer
11:15	11:30	17 Updates in aerosol development and related topics	Tost, Holger		
11:30	11:45	18 Impact of global transport on atmospheric aerosol	Righi, Mattia		
11:45	12:00	19 Sensitivity of EMAC passive aerosol transport to scavenging parameters	Burrows, Susannah		
12:00	13:30	lunch break			

15.02.2012 (afternoon)

13:30	13:45	20 The mineral dust cycle during the Little Ice Age	Gläser, Gregor	aerosol	dust	Mattia Righi
13:45	14:00	21 Recent progress on the modeling of desert dust emissions in the ECHAM5/MESSy2-Implementation of different parameterization schemes, evaluation and recommendations	Astitha, Marina			
14:00	14:15	22 Dust Cycle in EMAC Model	Kader, Mohamed Abdel	cloud micro		
14:15	14:30	23 Intercomparison of cloud microphysics schemes and its corresponding effects on climate-relevant parameters in the EMAC-Climate Chemistry model	Chang, DongYeong			
14:30	15:30	coffee break				
15:30	15:45	24 Recent Updates of the MECCA chemistry and JVAL photochemistry	Sander, Rolf	(gas phase) chemistry		Holger Tost
15:45	16:00	25 News and views on the gas-phase chemistry in EMAC	Taraborrelli, Domenico			
16:00	16:15	26 A chemical upper boundary for EMAC T42L41DLR	Deckert, Rudolf			
16:15	16:30	27 Load balancing in EMAC	Merx, Hendrik			
16:30	17:30	coffee break				
17:30	17:45	28 Evaluating the capability of EMAC as a (chemical) weather forecast model	Pankatz, Klaus	(gas phase) chemistry	transport	Hella Riede
17:45	18:00	29 Transport from point sources	Kunkel, Daniel			
18:00	18:15	30 Modelling of global pollution transport	Christoudias, Theo			
18:30	Departure to Hotels					
19:30	Dinner	HDW (Haus des Deutschen Weins, Gutenberg-Platz 3-5)				

16.02.2012 (morning)

09:00	09:15	31 Extreme Precipitation Events in the Middle East: Dynamics and Climatology of the Active Red Sea Trough	de Vries, Andries	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="background-color: #ffffcc; padding: 2px; margin-bottom: 2px;">specific regions</div> <div style="background-color: #00ff00; padding: 2px; margin-bottom: 2px;">(gas phase) chemistry</div> <div style="background-color: #00bfff; padding: 2px; margin-bottom: 2px;">above and strat.</div> </div> <div style="background-color: #ffffcc; padding: 2px; margin-top: 2px;">Christine Frömming</div>
09:15	09:30	32 Stratospheric chlorine and bromine chemistry: Recent results with EMAC	Sinnhuber, Björn-Martin	
09:30	09:45	33 Preliminary results for the HEPPA-II intercomparison	Versick, Stefan	
09:45	10:00	34 Model and observation: what can we learn from each other?	Riede, Hella	
10:00	11:00	coffee break		
11:00	11:15	35 IPCC emissions preparation and use in the EMAC model	Pozzer, Andrea	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="background-color: #00ff00; padding: 2px; margin-bottom: 2px;">(gas phase) chemistry</div> <div style="background-color: #ff8c00; padding: 2px; margin-bottom: 2px;">emissions</div> </div> <div style="background-color: #ffffcc; padding: 2px; margin-top: 2px;">Rolf Sander</div>
11:15	11:30	36 Modelling of atmospheric chemistry and climate effects of biomass burning	Lozano, Monica	
11:30	11:45	37 Global sensitivity of aviation NO _x effects to the HO ₂ + NO → HNO ₃ reaction	Gottschaldt, Klaus	
11:45	12:00	38 HONO/NO _x ratio as a tool for the estimation of HONO levels in global models: Field Measurements Comparison and Global Impact	Elshorbany, Yasin	
12:00	12:30	Closing remarks		