



EMeRGe Topical Workshop TEAM-4:

Transport and transformation of pollutants from European and Asian Major population centres- Part 4



Agenda

Tuesday 17.12.2019

9:30 Registration

10:00 - 10:10	Welcome to the participants	John P. Burrows (IUP- U. Bremen)
10:10 - 10:15	TEAM-4 meeting information and agenda	Lola Andrés Hernández (IUP- U. Bremen)

Introduction and overview: General objectives of EMeRGe	
Time	Speakers
10:15-10:45 11:15-12:00	Lola Andrés Hernández (IUP-University of Bremen)
	Johannes Schneider (MPI-Mainz)
	Helmut Ziereis (IPA-DLR)
	Andreas Hilboll (LAMOS- University of Bremen)
12:00-12:30	Plenary discussion: forming working groups

10:45 - 11:15 h Coffee break

12:40 - 14:00 h Lunch

Tuesday 17.12.2019

Plenary session: Identification of MPC plumes		
Time	Subject	Speakers
14:00 - 15:30	Tracers and trajectories	Hans Schlager (IPA-DLR) Helmut Ziereis (IPA-DLR) Eric Förster (IMK-KIT) Bruna Holanda (MPI-Mainz) Ovid Krüger (MPI-Mainz) Jennifer Wolf (IPA_DLR) Anna B. Kalisz Hedegaard (IPA-DLR/U.Bremen)

15:30 - 15:50 h Coffee break

15:50 - 16:30	Plume age: chemical and other clocks	Eric Förster (IMK-KIT) Katharina Kaiser (U. Mainz) Bruna Holanda (MPI-Mainz)
16:30 - 17:00	Composition plumes	Lola Andrés Hernández (IUP- U. Bremen)

Free evening: Information at the registration desk

Wednesday 18.12.2019

Plenary session: Processing within transport of MPC plumes		
Time	Subject	Speakers
09:00 - 10:00	Processing and distance to the source	Katharina Kaiser (U. Mainz) Helmut Ziereis (IPA-DLR) Lisa Eirenschmalz (IPA-DLR)
10:00 - 10:20	HOx/NOx photo-chemical coupling and HONO steady state	Benjamin Schreiner (IUP-U.Heidelberg)

10:20 - 10:45 h Coffee break

10:45 - 11:45	Defined plumes in Europe and Asia; case studies, synergies, other aspects	Ovid Krüger (MPI-Mainz) Jennifer Wolf (IPA-DLR) Theresa Klausner (IPA-DLR) Midhun George (IUP-U.Bremen) Katja Bigge (IUP-U.Heidelberg)
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Wednesday 18.12.2019

Plenary session: Mixing biogenic and anthropogenic emissions		
Time	Subject	Speakers
11:45 – 13:00	Significance of BB, fires; tracers of BB	Eric Förster (IMK-KIT) Bruna Holanda (MPI-Mainz) Ovid Krüger (MPI-Mainz) Johannes Schneider (MPI-Mainz)
	Dust episodes	Andreas Hilboll (LAMOS- U.Bremen)
	Attribution other sources of pollution	Theresa Klausner (IPA-DLR)
	Comparison Europe and Asia	Eric Förster (IMK-KIT) Helmut Ziereis (IPA-DLR)

13:00 - 13:10 h Group Photo

13:10 - 14:30h Lunch

14:00 - 14:30 h Meeting Steering Committee

Time	Working groups
14:30 - 16:00	General discussion in working groups

16:00 – 16:20 h Coffee break

16:20 – 17:00	Discussion HALO-FAAM intercomparison	Ulrich Schumann (IPA-DLR) Hans Schlager (IPA-DLR) Johannes Schneider (MPI-Mainz)
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19:00 h Workshop dinner

Thursday 19.12.2019

Plenary session: Modelling and measurements		
Time	Subject	Speakers
09:00 - 11:15	Modelling of EMeRGe flights in Europe & Asia: tagging, sensitivity analysis	Anna B. Kalisz Hedegaard (IPA-DLR/U.Bremen) Theresa Klausner (IPA-DLR) Aoki Kazuma (U.Toyama, Japan)
	First insight in the adequacy of existing regional and global models	Anne- M. Blechschmidt (IUP-U.Bremen) Mariano Mertens (IPA-DLR) Lisa Eirenschmalz (IPA-DLR) Chuan Yao Lin (RCEC, Taiwan)

10:30 - 10:50 h Coffee break

Plenary session: Integrating ground based, satellite and aircraft measurements		
Time	Subject	Speakers
11:15 - 12:30	Aerosol observations in Taiwan	Charles C.-K. Chou (RCEC, Taiwan) Wen Nai Chen (RCEC, Taiwan)
	Japanese activities	Aoki Kazuma (U.Toyama, Japan)
	Integrating satellite observations during EMeRGe	Linlu Mei (IUP- U.Bremen)
	Ground-based measurements in Europe	Anja Schwarz (U. Leipzig-HALO-SPP)

12:30 – 13:30 h Lunch

Thursday 19.12.2019

Plenary session: Outlook		
Time	Subject	Speakers
13:30 - 15:45	Report from working groups	Working groups rapporteurs
	Status proposed publications for special issue	all
15:45 - 16:00	Concluding remarks	John P. Burrows (IUP- U.Bremen)

16:00**End of the workshop**