



EMeRGe zoom Workshop TEAM-5:

Transport and transformation of pollutants from European and Asian Major population centres- Part 5



Agenda (Thursday 17.06.2021)

9:00	Welcome to the participants	John P. Burrows
	TEAM-5 introduction and agenda	Lola Andrés Hernández

Analysis of EMeRGe observations in Europe and Europe/Asia

- **Helmut Ziereis** (IPA-DLR)
Nitrogen oxides observations: EMeRGe Europe versus EMeRGe Asia
- **Midhun George** (IUP-Univ. Bremen)
Photochemical activity observed during EMeRGe in Europe and Asia
- **Jennifer Wolf** (IPA-DLR)
Comparison London vs. Manila and Taiwan study
- **Monica Campanelli** (ISAC-CNR)
Gas and aerosol properties over Rome during EMeRGe flights from in-situ, columnar and profiling observations
- **Costanza Civile** (IUP-Univ. Bremen)
Case study Po Valley
- **Lisa Eirenschmalz** (IPA-DLR)
Formic Acid und Sulfur Dioxide in EMeRGe

Analysis of EMeRGe observations in Asia (start approximately at 10:10h)

- **Katharina Kaiser** (Univ. Mainz)
Secondary aerosol formation and processing in an anthropogenic emission plume: A case study
- **Bruna Holanda** (MPI-Mainz)
Co-variability of BC and CCN in different polluted environments
- **Charles C.-K. Chou** (RCEC, Taiwan)
Analysis of Taiwan results
- **Hans Schlager** (IPA-DLR)
EMeRGe PFC tracer experiments
- **Theresa Klausner** (IPA-DLR)
CO₂ and CH₄ data analysis during EMeRGe-Asia
- **Katja Bigge** (IUP-Univ. Heidelberg)
Ship emissions measured during EMeRGe in Asia

Measurements and modelling (start approximately at 11:10h)

- **Benjamin Schreiner (IUP-Univ. Heidelberg)**
HONO formation during EMeRGe
- **Kengo Sudo (Nagoya University)**
Simulating HONO chemistry in a chemistry climate/transport model CHASER (MIROC).
- **Markus Kilian (IPA-DLR)**
Evaluation of NO_x emissions in the MECO(n) model by in situ measurements from EMeRGe in Asia.
- **Yangzhuoran Liu (IUP-Univ. Bremen)**
Peroxy radical airborne measurements and MECO(n) simulations during EMeRGe
- **Yugo Kanaya (JAMSTEC)**
Update on WRF/CMAQ model results along and around the EMeRGe-Asia flights
- **Mihalis Vrekoussis (LAMOS, Univ. Bremen)**
ULAMOS-EMeRGe activities
- **Chuan Yao Lin (RCEC)**
Update of data analysis and WRF-Chem modeling

12:30 Concluding remarks and end of the zoom meeting

ZOOM- Meeting invitation

Subject: TEAM 5_zoom meeting

Time 17.June.2021 09:00 AM Amsterdam, Berlin, Rom, Stockholm, Wien

<https://uni-bremen.zoom.us/j/91368776169?pwd=R1RVdG91ZHpSUG1uOVp4bjRKQ0FtZz09>

Meeting-ID: 913 6877 6169

Password: 881504

List of participants

Andrés Hernández	Lola	IUP-Bremen, Germany
Aoki	Kazuma	Uni Toyama, Japan
Bassani	Christiana	IIA-CNR, Italy
Bigge	Katja	IUP Heidelberg, Germany
Burrows	John P.	IUP-Bremen, Germany
Campanelli	Monica	ISAC-CNR, Italy
Chou	Charles C.-K	RCEC, Academia Sinica, Taiwan
Civale	Costanza	IUP-Bremen, Germany
Eirenschmalz	Lisa	DLR-IPA, Germany
Förster	Eric	KIT, Germany
George	Midhun	IUP-Bremen, Germany
Holanda	Bruna	MPI, Germany
Kaiser	Katharina	Uni Mainz, Germany
Kanaya	Yugo	JAMSTEC, Japan
Kilian	Markus	DLR-IPA, Germany
Klausner	Theresa	DLR-IPA, Germany
Krebsbach	Marc	Uni Wuppertal, Germany
Krüger	Ovid	MPI, Germany
Lin	Chuan-Yao	RCEC, Academia Sinica, Taiwan
Liu	Yangzhuoran	IUP-Bremen, Germany
Nenakhov	Vladyslav	*now at DLR-FX, Germany
Pöhlker	Mira	MPI, Germany
Schlager	Hans	DLR-IPA, Germany
Schmidt	Jörg	SPP Koordination Uni Leipzig, Germany
Schneider	Johannes	MPI, Germany
Schreiner	Benjamin	IUP Heidelberg, Germany
Soudo	Kengo	Nagoya University, Japan
Vrekoussis	Mihalis	Uni Bremen, Germany
Wolf	Jennifer	DLR-IPA, Germany
Ziereis	Helmut	DLR-IPA, Germany