



natESM Community Workshop 2024

27.-28.02.2024 ▪ Marriott Hotel ▪ Am Hallischen Tor 1 ▪ 04109 Leipzig

Day 1 ▪ 27.02.2024

09:30 Arrival and registration

Introduction

10:00 **Welcome from BMBF**
Pia Seidel

10:10 **Lessons learned, the way ahead, and governance**
Anja Schmidt (DLR, LMU)

10:40 **Expanding the MESSy infrastructure for CPU/GPU memory management**
Astrid Kerkweg (JSC)

11:00 C o f f e e b r e a k

11:30 **Challenges and results experienced during the ESMValTool sprint**
Birgit Hassler (DLR)

11:50 **Challenges and results experienced during the HAMOCC sprint**
Fatemeh Chegini (MPI-M)

12:10 **Challenges and results experienced during the MESSy-ComIn sprint**
Kerstin Hartung (DLR)

12:30 L u n c h b r e a k

14:00 **Invited Talk**
Technical challenges in km-scale resolution Earth system models
Daniel Klocke (MPI-M)

14:45 **Discussion in BreakOut Groups**

1. Atmospheric-chemistry + aerosol component

BOG lead: Ina Tegen (TROPOS) **Colorado I + II**

2. Land component

BOG lead: Sönke Zaehle (MPI-BGC) **Arizona**

3. Land-ice component

BOG lead: Torsten Albrecht (PIK) **Colorado III**

From 18:00 **I c e b r e a k e r** (Restaurant)

18:30 **D i n n e r** (Restaurant)

Informal discussions and networking

 Please, change to Lobby bar at 21:00 !

Day 2 ▪ 28.02.2024

08:30 Arrival

Invited Talk

09:00 **C2SM contributions to ICON model development**
Xavier Lapillonne (MeteoSwiss)

09:45 **Presentation of BOG results**

1. Atmospheric-chemistry + aerosol component
Ina Tegen (TROPOS)

10:15 C o f f e e b r e a k

2. Land component
Sönke Zaehle (MPI-BGC)

10:45 **3. Land-ice component**
Torsten Albrecht (PIK)

11:45 **Summary and discussion**

Summary of workshop results

Jochem Marotzke (MPI-M)

Followed by **plenary discussion** of workshop results

12:30 L u n c h b r e a k

13:30 Final discussion and outlook

14:00 E n d o f w o r k s h o p



No drinks in BOG rooms, but feel free to grab from main room!



Sprint-check applications can be submitted at any time!

Don't hesitate to contact us at support-request@nat-esm.de