



natESM Training 2024

17.- 18.07.2024 · DKRZ · Bundesstraße 45a · 20146 Hamburg

Day 1 ▪ 17.07.2024

Day 2 ▪ 18.07.2024

Topic of the day:

Tight coupling and interfacing ESM components via ComIn

12:00 Arrival and registration with coffee and snacks

13:00 Welcome and overview
Hendryk Bockelmann (DKRZ)

13:10 Presentation: Generic concepts of ICON ComIn
Florian Prill (DWD)

13:40 Presentation on natESM sprint: Coupling MESSy
to ICON via ComIn
Kerstin Hartung, Bastian Kern (DLR)

14:00 **Hands-on:**
Using ComIn-Plugins to interact
with ICON
→ Bring your own code / ideas !

15:00 C o f f e e b r e a k

16:00 **Continued Hands-on**

18:00 P i z z a o r R e s t a u r a n t

Topic of the day:

Coupling of ESM components via YAC

9:00 Coffee and reflecting

9:15 Presentation: YAC for ICON
Moritz Hanke (DKRZ)

10:10 Presentation: A Pythonic way to use YAC
Nils-Arne Dreier (DKRZ)

10:30 Presentation: coupling interactions on spatial
resolution (YAC in ICON)
Dian Putrasahan (MPI-M)

10:50 **Hands-on:**
How to use YAC 1st example

13:00 L u n c h b r e a k

14:00 **Continued Hands-on:**
How to use YAC in Python

15:10 Wrap-up and final words
Hendryk Bockelmann (DKRZ)

15:15 E n d o f t r a i n i n g

Requirements:

Please bring your own laptop & make sure you have access to LEVANTE (via [DKRZ user account](#)). For an active hands-on session, please bring your own code/ideas for using the interfaces. If necessary, please let us know the code or specific questions in advance.