



natESM Training 2023

14. - 15.11.2023 • DKRZ • Fuhrentwiete 10 • 20355 Hamburg

Day 1 • 14.11.2023

Topic of the day:

Ways of coupling of ESM components exemplified by ICON

12:00 Arrival and registration

Introduction

13:00 Welcome and overview
Hendryk Bockelmann (DKRZ)

13:15 Presentations about interfaces with ICON
for instance YAC | YAXT | SCALEXA
Moritz Hanke (DKRZ), Nils-Arne Dreier (DKRZ), Panagiotis Adamidis (DKRZ)

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

15:30 Tutorial / How-to on YAXT and YAC with focus on ICON interfaces

17:00 Plenary discussion on coupling concepts
Moderated by Iris Ehlert (DKRZ)

18:00 I c e b r e a k e r

Day 2 • 15.11.2023

Topic of the day:

Tight coupling/ interfacing of ESM components

10:00 Presentation about generic API concepts in ESM – lessons learned from MESSy
Patrick Jöckel (DLR) (tbc)

10:30 Presentation on ICON ComIn
Florian Prill (DWD), Kerstin Hartung (DLR)

11:30 Plenary discussion on ComIn and its implications for the natESM strategy
Moderated by Iris Ehlert (DKRZ)

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

13:30 Presentations on asynchronous component execution and infrastructure
Enrico Degregori (DKRZ), Panagiotis Adamidis (DKRZ)

14:30 Plenary discussion on (asynchronous) component structure in ESMs
Moderated by Hendryk Bockelmann (DKRZ)

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

15:30 Plenary discussion on API concepts
Moderated by Iris Ehlert (DKRZ)

16:30 Wrap-up
Hendryk Bockelmann (DKRZ)

17:00 E n d o f t r a i n i n g