



**Barcelona  
Supercomputing  
Center**  
*Centro Nacional de Supercomputación*

# EC-Earth General Assembly

8-11 June 2026

Barcelona Supercomputing Center

## PROGRAM



# Day 1 – Monday 8 afternoon

<b>13:00</b>	<b>REGISTRATION</b>	Zoom Link: <a href="https://rediris.zoom.us/jc/95207966278">https://rediris.zoom.us/jc/95207966278</a> Room: <b>BSC Auditorium level -1</b> <b>Chair: Valentina Sicardi</b>
14:00–14:15		Welcome
<b>14:15–14:45</b>	<b>Francisco Doblas-Reyes</b>	<b>Invited Talk</b>
14:45–15:00	Chiara Ventrucchi	Interactions between ocean heat uptake and climate feedbacks in EC-Earth4-FAST
15:00–15:15	Chuncheng Guo	Earth system modelling of idealised overshoot scenarios in EC-Earth3-ESM
15:15–15:30	Jan Streffing	Status of AWI-ESM3-VEG-HR for CMIP7
<b>15:30–16:00</b>		<b>Coffee break</b>
16:00- 16:15	Joakim Kjellsson	EC-Earth4-ESM at high resolution
16:15–16:30	Raffaele Bernardello	TBC
<b>16:30– 18:00</b>	<b>WG BREAKOUT SESSION</b>	Zoom Link: <a href="https://rediris.zoom.us/jc/95207966278">https://rediris.zoom.us/jc/95207966278</a>
Land/Vegetation	EC4	PALEO
<b>MARENOSTRUM VISIT and POSTER SESSION</b>		
16:30 - 18:00		<b>POSTER SESSION</b>
<b>18:00</b>	<b>WELCOME COCKTAIL</b>	

## Day 2 – Tuesday 9

08:30	<b>REGISTRATION</b>	Zoom Link: <a href="https://rediris.zoom.us/jc/95207966278">https://rediris.zoom.us/jc/95207966278</a> Room: BSC Auditorium level -1
<b>WORKING GROUP REPORTS</b>		<b>Chair:</b>
08:30–09:00		Registration
<b>09:00–09:30</b>	<b>Alex Winkler</b>	<b>Invited Talk</b>
09:30–09:40	Shuting Yang (DMI)	Steering group/EC-Earth: progress overview
09:40–09:50	Philippe Le Sager (KNMI)	Technical WG activities report
09:50–10:00	Twan van Noije (KNMI)	Atmospheric Composition WG report
10:00–10:10	Jorge/Dorothee	Ice-Sheet WG report
10:10–10:20	Lars/Andrea	Land and Vegetation WG report
10:20–10:30	Valentina/Raffa	Ocean WG report
10:30–10:40	Jost von Hardenberg	Tuning WG report
10:40–10:50	Qiong Zhang	Paleo WG report
<b>11:05–11:30</b>		<b>Coffe break</b>
11:30–12:00	<b>Enric Ponce de León RES OFFICER</b>	<b>Advanced computing resources for your research through RES</b>
12:00-12:15	Adrian Hill	TBC
12:15-12:30	Mario Acosta	TBC
12:30–12:45	Renata Coppo	Adapting EC-Earth4 for Deep-Time Applications: Implementation and Evaluation of an Early Eocene Configuration
<b>12:45–13:45</b>		<b>Lunch</b>
13:45–14:15	<b>Wilco Hazeleger</b>	<b>Invited talk</b>
14:15–14:30	Klaus Wyser (SMHI)	CMIP7 results with EC-Earth3-ESM
14:30–14:45	Markus Koehler	TBC
14:45-15:45:	Jost von Hardenberg	Plenary Session on Tuning
<b>15:45–16:15</b>		<b>Coffee Break</b>
<b>16:15–17:45</b>	<b>WG BREAKOUT SESSION</b>	Zoom Link: <a href="https://rediris.zoom.us/jc/95207966278">https://rediris.zoom.us/jc/95207966278</a>
SG Meeting	Technical	Tuning
<b>20:00</b>		<b>Dinner at Pomarada <a href="https://pomarada.com/">https://pomarada.com/</a></b>

# Day 3 – Wednesday 10

Zoom Link:

<https://rediris.zoom.us/jc/95207966278>

Room: BSC Auditorium level -1

09:00-15:00

**Chair :**

09:00–10:00 Klaus

Plenary Session on CMIP7

10:00–10:30 **BSC EDI UNIT**

**Invited Talk**

10:30–10:45 Gilbert/PA/Xavier

Streamlining EC-Earth at BSC: Workflow orchestration, HPC optimization, and data management

10:45–11:15

**Coffee break**

11:15–11:30 Etienne Tourigny

TBC

11:30–11:45 Katherine Power

Orbital forcing modulates hemispheric energy balance and preconditions the 4.2 ka hydroclimate event, insights from EC-Earth-Tr8K

11:45–12:00 Lianghai Wu

HAMM7 in EC-Earth4: evaluation of aerosol and cloud properties with 20-year AMIP run.

12:00–12:15 Luna Hiron

Lagrangian icebergs in EC-Earth 4

12:15–12:30 Montserrat Costa Surós

The role of aerosol-sensitive primary ice nucleation and secondary ice production in modulating mixed-phase clouds in EC-Earth4

12:30–12:45 Roberto Bilbao

Update on predictions

12:45–13:45

**Lunch**

13:45–14:00 Vladimir Lapin

Status of Ocean Tuning Experiments

14:00-14:15 Valerio Lembo

Updates on EC-Earth's commitment to TIPMIP-OCEAN simulations

14:14-14:30 Kai Keller

Replicability of Earth System Models

14:30-14:45 Erik J Schaffernicht

TBC

14:45-15:30

Report from WGs

15:30- 16:00

**Coffee**

16:00–17:30 **FINAL REMARKS**

# Day 4 – Thursday 11

09:00-12:00      HANDS-ON TRAINING      Joakim, Jorge, Vladimir, Philippe

09:00–12:00      Hands-on Training  
Session on EC-Earth4      A 3-hour hands-on training session to learn:

- how to run EC-Earth4,
- how to build and run EC-Earth4 in a container environment.

10:30-11:00      **Coffee break**

## Contacts:

For technical issues,  
please contact:

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