

Invitation to the EUMETCAL/EUMeTrain Hackathon on Satellite Meteorology

10- 14 November at DWD – Meteorological Training Center in Offenbach (DE)

Dear Community Members and Friends

After the positive experiences during the past years, we will host two more EUMETCAL hackathons in 2025. The joint EUMETCAL and EUMeTrain hackathon in November will focus on identifying and interpreting broadscale, synoptic and mesoscale systems supported by satellite imagery, NWP and observations. The goal of this week is to collaboratively develop a functional prototype of a self-paced online training course.

Detailed information:

Date and venue:

- Monday, 10.11.2025 12.00 CET to Friday 14.11.2025 1200 CET at DWD – Meteorological Training Center (LeiQ, Nordring 144, 63067 Offenbach am Main, <https://www.leiq.de/>).
- More detailed information about accommodation and travel will be communicated at a later stage.

Target audience:

- Trainers, Instructional Designers
- Subject Matter Experts (Forecasters, Researchers)
*Subject Matter Experts (SMEs) are needed to help gather information for the modules.
There is no need for expertise in developing online learning.*

Goals:

- Collaborative development of a working prototype of one online learning module per group, which can then be finalised by the EUMETCAL IDs and made available to the whole community.
- Participants will learn about rapid prototyping and gain new skills in developing online learning modules.

Topic:

- Identify and interpret broadscale, synoptic and mesoscale systems (Satellite Skill 3)
- Compare satellite data with a focus on numerical weather prediction (NWP) outputs (Skill 7) including all skills

Expectations:

- Attendance of an online pre-hackathon meeting in Q3
- Collection of already existing materials before the hackathon (estimated time needed: 4-5h)
- Active participation during the Hackathon week

Costs:

- The costs for the travel and accommodation need to be covered by your organisation, the cost for the food throughout the day will be covered by EUMETCAL.

Program:

The program consists of daily meetings and collaborative course development phases. During these group work phases, there will be coffee breaks to reactivate your creativity!

Every group will be accompanied and supported by an Instructional Designer.

The program will look more or less like this.

	Monday	Tuesday	Wednesday	Thursday	Friday
0830 - 0900	Travel	Daily Warm-Up Meeting	Daily Warm-Up Meeting	Daily Warm-Up Meeting	Daily Warm-Up Meeting
0900 - 1200		Collaborative course development in groups	Collaborative course development in groups	Collaborative course development in groups	Collaborative course development in groups Show & Tell
1200 - 1300		Lunch	Lunch	Lunch	Hackathon closing
1300 - 1330	Hackathon Kick-off	Update Meeting	Update Meeting	Update Meeting	Travel home
1330 - 1630	Collaborative course development in groups	Collaborative course development in groups	Collaborative course development in groups	Collaborative course development in groups	

Registration:

- For the registration, please click on [this link](#).
- Please register until the **30th of May 2025**

We are looking forward to your participation!

The EUMETCAL Program Management Team
& Markus Zygmuntowski on behalf of EUMeTrain