COST Action CA18235

"PROfiling the atmospheric Boundary layer at European scale " (PROBE)

Action Networking tools – CallGP5, the year 2024

Objectives / Description

Networking is an excellent way for individuals at every stage of their careers to discover exciting opportunities, meet new connections, and broaden personal research horizons. COST Actions have been designed to maximize networking possibilities, featuring a wide range of tools and additional activities, which benefit individuals and wider research networks alike through strengthening research outcomes and community knowledge.

The PROBE COST Action will end this April. The deliverables need to be finalised and the community knowledge on specific topics needs to be summarised for future reference. Networking tools to achieve this will be a priority (see the table below). Due to time constraints, the preferred networking tool is virtual mobility, but short-term scientific missions are also possible.

Relevant dates

- The call is **open from 3 April 2024 till 10 April 2024**
- The grant letters approving the applications will be sent by 14 April 2024
- Activity dates: **start of VMG: 15 April 2024, end of VMG: 26 April 2024**
- After the activity: submit a report and relevant documentation by **28 April 2024**

Selection of applicants

The evaluation of applications will be performed by the Grant Awarding Committee. The scientific scope of the activity must clearly complement the objectives and deliverables of the PROBE Action.

Virtual Mobility (VM)

Virtual Mobility strengthens the existing networks by allowing individual participants to foster collaboration, exchange knowledge, learn new techniques, etc. These activities do not necessarily

require in-person presence and may include surveys, questionnaires, preparation of protocols, virtual mentoring of activities that can generate capacity, build new skills, etc.

Virtual Mobility Grant provides a contribution for the overall effort, not necessarily covered by an employer. The maximum amount is EUR 1 500 per grant.

How to apply

- Carefully read the COST Grant Awarding Guideline (https://www.cost.eu/uploads/2021/12/Grant-Awarding-userguide.pdf)
- If not already registered, register for an e-COST profile at https://e-services.cost.eu/
- Follow the steps in e-COST, choose **COST Actions/ Grant Application/ +Apply for grant/   Virtual Mobility Grant**
- Fill in your personal details, COST Action number (CA 18235), and a title of VMG
- Upload the grant application (template can be downloaded here : https://www.cost.eu/VM_GrantApplication)
- Submit

After the Event

The Grantee must submit a short scientific report through e-COST by **28 April 2024**. A template for the scientific report can be found in the e-COST or downloaded here: https://www.cost.eu/VM_Report . No invoices will be requested, but the grantee should keep them for her/his record. Payment of the Grant is subject to the submitted scientific report being approved by the Grant Awarding Coordinator.

The full scientific report (either a finished deliverable chapter or a stand-alone scientific report) must be sent to the PROBE Grant Awarding Coordinator Klára Jurčáková (jurcakova@it.cas.cz) by **28 April 2024**.

Grant Awarding Coordinator

If you have any questions about Action Networking tools please contact PROBE Grant Awarding Coordinator Klára Jurčáková (jurcakova@it.cas.cz) for detailed information and further advancement.

The practical advices how to write the application

Examples of activities that can be performed by the VM grantee :

- Virtual mentoring scheme, with special focus on activities and exchanges that can generate capacity building and new skills, particularly for Young Researchers and Innovators (e.g. managerial skills, methodological skills, communication skills, etc);
- To support the harmonisation and standardisation of methods and procedures within the Action networking activities, e.g. coordinating the discussions to create common protocols to be used by the network afterwards; setting up a survey amongst all Action members to collect different results and outcomes from experiments done in their respective labs and research groups;

- To support the implementation of research coordination related activities that do not necessarily require in person presence, e.g. computational or modelling activities; or data analysis of the Action for a specific report or activity.

Please remember, that it always must be a cooperation among researchers form different institutions.

Topics to be addressed by the Virtual Mobility Grants (proposed at the end of the 8th MC meeting (Paris, 28/03/2024)

CODE	TOPIC
VMG01	Coordinate on available radar processing routines
VMG02	Exchange knowledge on forecast indices impact
VMG03	Exchange information on UAS regulatory limitations
VMG04	Support harmonization of T,H profile retrievals and intercomparison
VMG05	Coordinate discussion on satellite observations calibration/validation
VMG06	Coordinate on available ALC processing routines
VMG07	Coordinate the gathering of use showcases from the community
VMG08	Coordinate discussion on ALC history & calibration
VMG09	Research coordination on the use of DWL products in urban settings
VMG10	Support standardization/harmonization of ALC data
VMG11	Coordinate discussion on summary for stakeholders (AQ & EP agencies)
VMG12	Coordinate discussion on summary for stakeholders (Urban environment)
VMG13	Coordinate discussion on summary for stakeholders (Wind Energy)
VMG14	Coordinate discussion on summary for stakeholders (Solar Energy)
VMG15	Support the information collection on field campaign/investigations
VMG16	Survey showcases for synergy of wind lidar, cloud radar, and ceilometer
VMG17	Coordinate the review of depolarization products and calibration
VMG18	Coordinate discussion on aerosols products from ALC
VMG19	Coordinate a survey for setting up an ABL profiling glossary
VMG20	Virtual mentoring for capacity building of young researchers on DWL tool

The table is not exhaustive; please feel free to suggest another topic.