

The logo for ACTRIS CCRES. It features a stylized graphic at the top consisting of a teal-to-blue gradient arc on the left and a black vertical line on the right, intersecting at the top. Below this graphic, the word "ACTRIS" is written in a large, bold, dark blue sans-serif font. Underneath "ACTRIS", the word "CCRES" is written in a smaller, bold, dark blue sans-serif font.

ACTRIS CCRES

Introduction

[Martial Haeffelin](#), Elisa Villard

Workshop agenda

May 19th

09:00 – 09:15	Introduction and workshop agenda	M. Haeffelin, E. Villard (IPSL)	15'
09:15 – 10:15	Doppler Cloud Radar operational services	J-C. Dupont, J-F. Ribaud (IPSL)	30'
	• DCR Calibration transfer campaigns		
	Microwave Radiometer operational services	T. Marke (UCOL)	15'
	• MWR data processing		
	Doppler Lidar operational services	CCRES-FI	15'
	• Doppler Lidar data processing and monitoring		
10:15 – 10:30	Housekeeping data monitoring : Grafana	M-A. Drouin (LMD/IPSL)	15'
10:30 – 10:45	Break		
10:45 – 11:15	Labelling operational services	E. Villard (IPSL) J-F. Ribaud (IPSL)	30'
	• Update on Labelling step 1a		
	• Labelling step 1b – ReOBS quality control procedure and monthly reports		
11:15 – 11:45	New developments at CLU (CloudNet Data Centre)	Ewan O'Connor (FMI)	30'
	• Update from CLU		
	• Roadmap for future developments		
11:45 – 12:00	Feedback on CCRES/CLU services and buffer time	All	15'

Workshop agenda

May 20th

09:00 – 09:45	EarthCARE Cal/Val activities	L. Pfitzenmaier (UCol), N. Feuillard (LATMOS)	45'
09:45 – 10:15	Disdrometer calibration monitoring	S. Kneifel (LMU)	15'
10:15 – 10:30	Break		
10:30 – 11:30	Presentations : NF scientific and technical developments <ul style="list-style-type: none">• Estimation of aerial insect concentration with cloud radars on Cloudnet sites• Presentation of L'Aquila National Facility• Tackling Aliasing in Doppler Radar Data: A Single-band and Dual-band De-aliasing Strategy	M. Lochmann (LIM) A. Balotti (UNIAQ/CETEMPS) M. Tolentino (University of Granada)	60'
11:30 – 12:00	Concluding remarks and buffer time	M. Haeffelin (IPSL)	30'

Participants

57

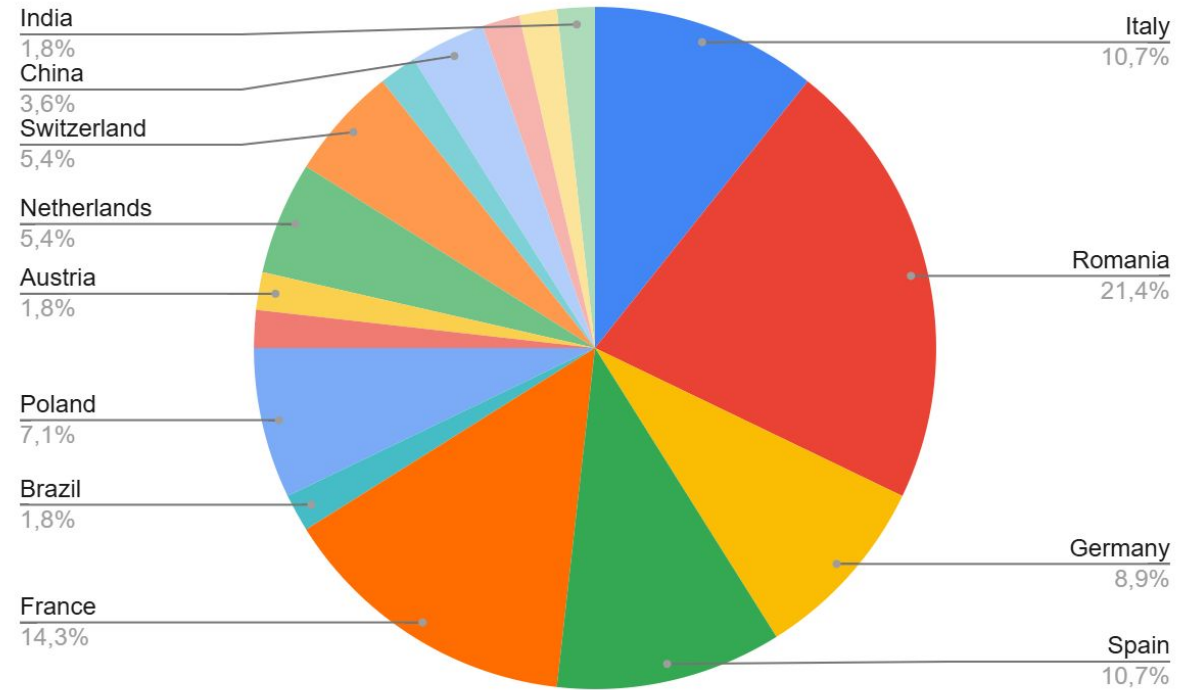
PARTICIPANTS

12

COUNTRIES

19

CRS NF REPRESENTED



National Facility Participants

57

PARTICIPANTS

12

COUNTRIES

19

CRS NF REPRESENTED

Finland	Pallas
France	SIRTA OPAR
Germany	JOYCE MOL-RAO München KLOCX LACROS
Italy	CIAO Potenza Lampedusa UNIAQ/CETEMPS
Netherlands	Cabauw
Poland	Rzecin Warsaw
Romania	RADO-Bucharest RADO-Galati RADO-Cluj
Spain	AGORA
Switzerland	Payerne
UK	Chilbolton

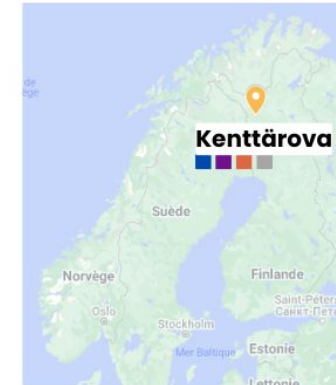
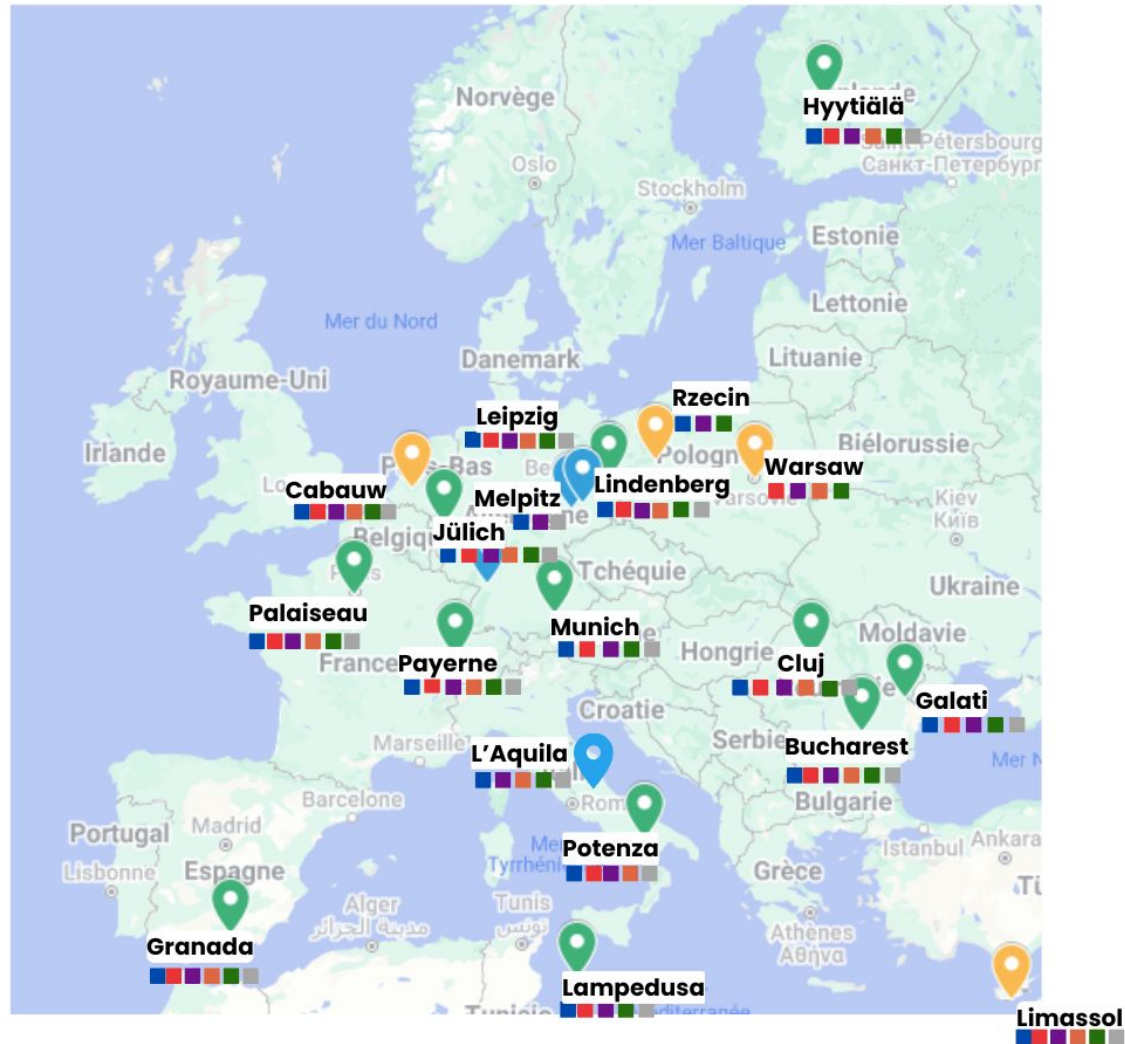
NF instrument diversity

v 05.2025

- DCR
- MWR
- ALC
- DL
- Disdrometer
- Weather station
- 📍 ACTRIS CRS Labelling in progress
- 📍 ACTRIS CRS Labelling initiated
- 📍 ACTRIS CRS candidate



Cape Verde



Finland



La Réunion

Access to CCRES/CLU web-based services

Website	Public	Purpose	Content
ACTRIS EU https://www.actris.eu/topic/actris-centre/ccres	ACTRIS community	Link with ACTRIS EU community	General information about ACTRIS and CCRES, communication and events
CCRES Services https://ccres.aeris-data.fr/	Cloud Remote Sensing National Facilities	Access to CCRES operational services, technical website (working tool)	Resources and access to CCRES new operational services (SOPs, instrument calibration monitoring, housekeeping data, monthly data quality analyses, documentation on services..)
CloudNet https://cloudnet.fmi.fi/	All CloudNet users (NFs, Scientists)	Access to data	Data processing and curation service for ground-based cloud remote sensing measurements. Includes CLU services and some CCRES services (e.g. instrument database).

Training School (LMU, Munich), September 2025

time		MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		time		
		01.09		02.09		03.09		04.09		05.09				
09:00	09:30		Welcome session		Lecture : Visualization and interpretation of radar Doppler spectra <i>S. Kneifel (LMU)</i>		Lecture : Microphysical properties of liquid and ice clouds by means of dual Fov lidar and lidar/radar synergy <i>C. Jimenez (TROPOS)</i>		Lecture: EarthCARE Cal/Val <i>L. Pfitzenmaier</i>		09:00	09:30		
09:30	Lecture : Intrduction to DCR remote sensing		09:30	10:30										
10:30	11:00		BREAK										10:30	11:00
11:00	12:30		Lecture : Microwave radiometry <i>CCRES DE</i>	Lecture/hands-on: CloudNet products <i>CLU</i>		Lecture : Doppler Lidar/doppler DCR <i>CCRES-FI</i>		Lecture/hands on : ABL height retrieval <i>S. Kotthaus</i>		11:00	12:30			
12:30	14:00		LUNCH										12:30	14:00
14:00	15:30		Hands-on : MWR calibration <i>CCRES DE</i>	Hands-on : DCR calibration <i>CCRES FR / LMU</i>	Hands-on : Cloud radar doppler spectra analysis with peako and peaktree <i>M. Rodenz (TROPOS)</i>	Hands-on : HKD monitoring/ReOBS <i>CCRES-FR</i>	Hands-on : Disdrometer calibration <i>DD WG</i>	Hands-on : Doppler Lidar processing <i>CCRES-FI</i>	Hands-on : Ceilometer dark current measurements <i>CARS</i>		14:00	15:30		
15:30	16:00		BREAK								Closing session		15:30	16:00
16:00	17:30	Travel	Hands-on : DCR calibration <i>CCRES FR / LMU</i>	Hands-on : MWR calibration <i>CCRES DE</i>	Hands-on : HKD monitoring/ReOBS <i>CCRES-FR</i>	Hands-on : Cloud radar doppler spectra analysis with peako and peaktree <i>M. Rodenz (TROPOS)</i>	Hands-on : Doppler Lidar processing <i>CCRES-FI</i>	Hands-on : Disdrometer calibration <i>DD WG</i>	Travel		16:00	17:30		
17:30	18:00		Wrap-up session								17:30	18:00		
18:00	19:00												18:00	19:00
19:00	20:00										SOCIAL DINNER		19:00	20:00

Calendar 2025-2026

CCRES events
ACTRIS events
Other events

2025

- JUNE**
- **ESA Living Planet Symposium**, Vienna (Austria) - 23rd to 27th of June
 - **eLTER Science Conference**, Tampere (Finland) - 23rd to 27th of June
 - **DACH 2025** Bern (Switzerland) - 23rd to 27th of June
- JULY**
- **ICUC 12 (urban climate)**, Rotterdam (The Netherlands) - 7th to 11th of July
 - **AMS 41st International Conference on Radar Meteorology**, Toronto (Canada) - 25th to 29th of August
- SEPT.**
- **Training school**, Munich (Germany) - 2nd to 5th of September
 - **EMS Annual Meeting 2025**, Ljubljana (Slovenia) - 7th to 12th of September
 - **5th International Snowfall Workshop**, Reading (UK) - 15th to 17th of September
- OCT.**
- **BASTA CCRES calibration campaign**, Granada (Spain) - October to December
 - **ACTRIS Week 2025**, Evora (Portugal) - 20 to 24th of October

2026

- JAN.**
- **BASTA CCRES calibration campaign**, Bucharest, Galati and Cluj (Romania) - January to July
- APRIL**
- **ACTRIS Science Conference 2026**, Oslo (Norway) - 20 to 24th of April
 - **18th Specialist Meeting on Microwave Radiometry & Remote Sensing of the Environment**, L'aquila (Italy) - 27th to 30th of April



Thank you !