



# Cloud Remote Sensing Community workshop

Thursday 7<sup>th</sup> November 2024

Matera (Italy) and online

## I. Agenda

**November 7, 9am to 5pm CET**

09:00 – 09:10	Introduction and workshop agenda	M. Haeffelin, E. Villard (IPSL)	10'
09:10 – 10:30	<b>Doppler Cloud Radar operational services</b>	J-C. Dupont, J-F. Ribaud (IPSL)	15'
	<ul style="list-style-type: none"> <li>DCR calibration methods</li> <li>DCR calibration constant monitoring with disdrometer</li> </ul>	Y. Grit (IPSL)	15'
	<b>Microwave Radiometer operational services</b>	T. Marke (UCol)	15'
	<ul style="list-style-type: none"> <li>MWR data processing and monitoring</li> </ul>	E. O'Connor (FMI)	15'
	<b>Doppler Lidar operational services</b>		
	<ul style="list-style-type: none"> <li>Doppler Lidar monitoring</li> </ul>		
	<b>HKD monitoring : Grafana</b>	M-A. Drouin, M. Van Hove (IPSL)	20'
	<ul style="list-style-type: none"> <li>Example of ALC monitoring</li> </ul>		
10:30 – 11:00	<b>Coffee Break</b>		
11:00 – 11:20	<b>Labelling operational services</b>	E. Villard (IPSL)	5'
	<ul style="list-style-type: none"> <li>Update on Labelling step 1a</li> <li>Labelling step 1b - ReOBS quality control procedure</li> </ul>	J-F. Ribaud (IPSL)	15'
11:20 – 11:50	<b>New developments at CLU (CloudNet Data Centre)</b>	E. O'Connor (FMI)	30'
11:50 – 12:30	<b>Feedback from NF and discussion on CCRES/CLU services</b>	NF	40'
12:30 – 13:30	<b>LUNCH BREAK</b>		
13:30 – 14:45	<b>New scientific results and technical developments : presentations from NFs</b>		
	<ul style="list-style-type: none"> <li>Showcases of wind lidar, cloud radar, and ceilometer synergy</li> </ul>	A. Nemuc (RADO-Bucharest NF)	15'
	<ul style="list-style-type: none"> <li>New dual-frequency cloud radar and Raman lidar</li> </ul>	B. Pospichal (JOYCE)	15'



	at JOYCE: first observations and future perspectives  <ul style="list-style-type: none"> <li>• Cloud Droplet Retrievals: Synergy of Ground-Based Remote Sensing and In-Situ Measurements at CLOUDNET Granada station</li> <li>• Updates and new developments at NF Lindenberg</li> <li>• Identifying Haze echoes in Cloudnet</li> </ul>	NF)  M. Tolentino Da Silva (AGORA NF)  C. Knist, R. Leinweber, U. Görndorf (MOL-RAO NF)  J. Roschke (Leipzig University)	15'  15'  15'
14:45 – 15:00	<b>Concluding remarks and calendar</b>	M. Haeffelin (IPSL)	15'
15:00 – 15:30	<b>Coffee Break</b>		
15:30 – 17:00	<b>EarthCARE joint session with CARS</b>	L. Pfizenmaier (UCol), N. Feuillard (IPSL)	90'

## II. Access information

- **On-site participants**

The workshop will take place at the [Casa delle Tecnologie Emergenti di Matera](#), Via San Rocco 1, 75100, Matera from 9 to 3pm. The afternoon coffee break and joint session with CARS (3–5pm) will take place at the [Hotel San Domenico](#), 5min walk from the first location.

- **Remote participants : zoom interface**

We will be using the Zoom interface for the whole day. The meeting room will be open 15 min in advance. Please feel free to use this time to check the sound and get experienced with the platform. To connect to the interface, please just click on the link below:

<https://cnrs.zoom.us/j/94530618544?pwd=zoMIUHaaLZthq6yMXK5uc9YTX5wlpK.1>

**Meeting ID:** 945 3061 8544

**Password:** 6FWU9N



If you experience any issue to connect please contact: [evillard@ipsl.fr](mailto:evillard@ipsl.fr)