



# Cloud Remote Sensing Online Community workshop

Tuesday 11<sup>th</sup> June 2024

## I. Agenda

**June 11, 9am to 5pm CEST**

09:00 – 09:15	Introduction and workshop agenda	M. Haeffelin, E. Villard	15'
09:15 – 10:45	<b>Doppler Cloud Radar operational services</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• DCR : new RPG operation guidelines</li> <li>• DCR Calibration transfer campaigns</li> <li>• DCR calibration constant monitoring with disdrometer</li> </ul>	CCRES FR	5'
		CCRES NL	15'
		F. Toledo (OVSQ)	15'
		J-C. Dupont, Y. Grit (IPSL)	15'
	<b>New research investigations</b> <ul style="list-style-type: none"> <li>• First steps towards evaluating Parsivel disdrometer calibration</li> <li>• Discussion</li> </ul>	S. Kneifel (LMU)	15'
	<b>Microwave Radiometers operational services</b> <ul style="list-style-type: none"> <li>• MWR activities</li> </ul>	All	10'
		B. Pospichal (UCOL)	15'
10:45 – 11:00	<b>Break</b>		
11:00 – 11:45	<b>Doppler Lidars operational services</b> <ul style="list-style-type: none"> <li>• Doppler Lidar monitoring</li> </ul>	CCRES FI	15'
	<b>Labelling operational services</b> <ul style="list-style-type: none"> <li>• Labelling step1b - ReOBS quality control procedure</li> </ul>	J-F. Ribaud (IPSL)	15'
	<ul style="list-style-type: none"> <li>• Access to operational services : new website</li> </ul>	CCRES FR	15'
11:45 – 12:30	<b>New developments at CLU (CloudNet Data Centre)</b> <ul style="list-style-type: none"> <li>• Update from CLU</li> <li>• Roadmap for future developments</li> </ul>	E. O' Connor (FMI)	15'
			15'
	<b>Feedback from NF on CCRES services/Discussion</b>	All	15'
12:30 – 13:00	<b>New operational services</b> <ul style="list-style-type: none"> <li>• HKD monitoring : Grafana Q/A</li> </ul>	M-A. Drouin (LMD/IPSL)	30'
13:00 – 14:15	<b>LUNCH BREAK</b>		



14:15 – 14:45	<b>Presentations</b> <ul style="list-style-type: none"> <li>Review of 20 years of Cloudnet observations at the Lindenberg Observatory and future directions to gain Cloudnet data consistency</li> <li>Long-term statistics of water vapour and clouds from microwave radiometer observations in Jülich with focus on cloud properties</li> </ul>	C. Knist (MOL-RAO)	15'
		B. Pospichal (UCOL)	15'
14:45 – 15:30	<b>EarthCARE Cal/Val activities</b>	F. Toledo (OVSQ), N. Feuillard (LATMOS/IPSL)	45'
15:30 – 15:45	<b>Break</b>		
15:45 – 16:30	<b>Presentations</b> <ul style="list-style-type: none"> <li>Cloudnet deficiencies caused by presence targets below first range gate</li> <li>Techniques for better exploiting cloud radar Doppler spectra</li> <li>A novel approach to cloud classification: first results and challenges encountered</li> </ul>	H. Griesche (TROPOS)	15'
		T. Vogl (Leipzig University)	15'
		Matheus da Silva (University of Granada)	15'
16:30 – 16:45	<b>Discussion and buffer time</b>	All	15'
16:45 – 17:00	<b>Concluding remarks</b>	All	15'

## II. Login information

- 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/95854957503?pwd=REc5WXN4d3diMjBrbDdSc0xJTnphQT09>

**Meeting ID:** 958 5495 7503

**Password:** d3K3ZV

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