



lemon

Lidar Emitter and Multi-species greenhouse gases
Observation iNstrument

LEMON Final Public Workshop

Tuesday, 11th July 2023, 17:00 - 18:00 (CEST)
Online event

Welcome to the Final Workshop of the H2020 LEMON project. The main project goal was to provide new versatile Differential Absorption Lidar (DIAL) sensor and sub-systems concept, adaptable to measure several gases (CO₂, H₂O, HDO, CH₄), thus paving the way to a new generation of instruments for future ground, airborne or space observation.

ABOUT THE WORKSHOP

With four presentations given by the project partners and one discussion session, the workshop aims to showcase and discuss the main results of the LEMON project, which ends in June 2023.

REGISTRATION

The Workshop is an open event without registration fees. However, attendees are invited to confirm their attendance by e-mail to myriam.raybaut@onera.fr and sofia.santi@l-up.com by **30th June 2023**.

CONNECTION INFO

Participants may access the virtual conference room 10 minutes before the Workshop start for connection check. WebEx connection information are provided:

<https://l-up.webex.com/L-up/j.php?MTID=m01ef1dc68a98889f4d54da2ed0864a0e>

Meeting number: 2743 169 0852

Meeting password: lemon

To join by phone: +32-262-00867 (Belgium), or [click here](#) for global call-in numbers

Time (CEST)	Presentations and Speakers
16:50-17:00	Audio/visio connection checks
17:00-17:10	LEMON Project overview Myriam Raybaut, Project Coordinator, Office national d'études et de recherches aérospatiales (Onera)
17:10-17:20	Unveiling water cycle processes in the troposphere using stable isotopic composition measurements Cyrille Flamant, Centre national de la recherche scientifique (CNRS)
17:20-17:40	LEMON instrument and preliminary results Jean-Baptiste Dherbecourt, Office national d'études et de recherches aérospatiales (Onera)
17:40-17:50	Qualification for space and roadmap towards spaceborne operation Hanjo Schäfer, SpaceTech GmbH
17:50-18:00	Closing discussion Discussion: all. Moderator: Myriam Raybaut, Project Coordinator, Office national d'études et de recherches aérospatiales (Onera)

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