



CAMAERA

CAMAERA GENERAL ASSEMBLY 4-5 JUNE 2025, LILLE



PROGRAMME OF
THE EUROPEAN UNION



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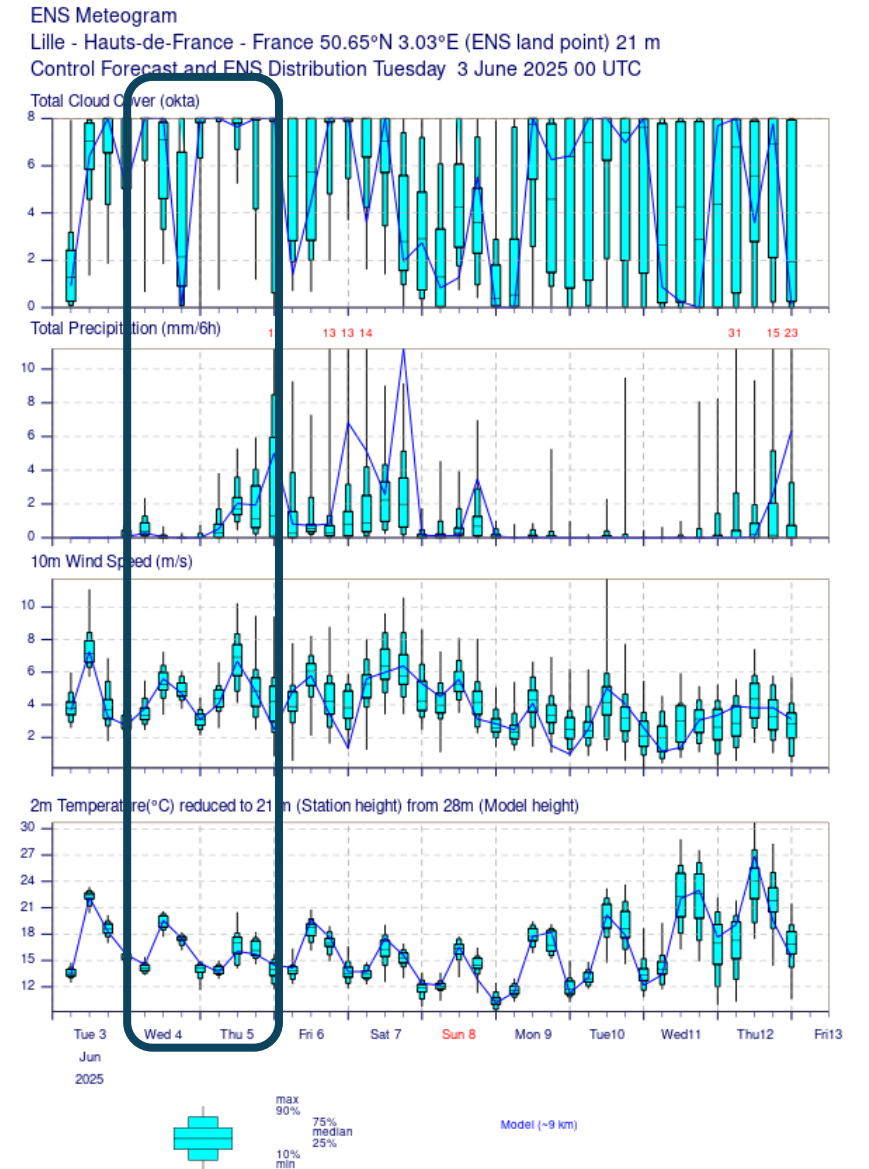
Coordinated by

HYGEOS



Weather Forecast, Lille, 4-5 June

- Today – mostly cloudy
- Thursday – rainy and windy



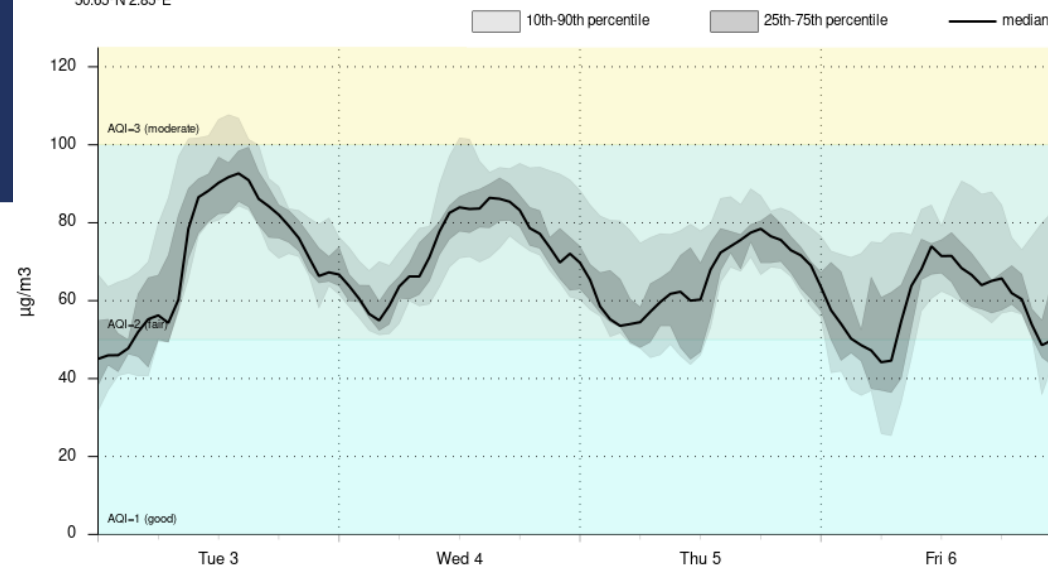


Air quality, Lille, 4-5 June

- No special event

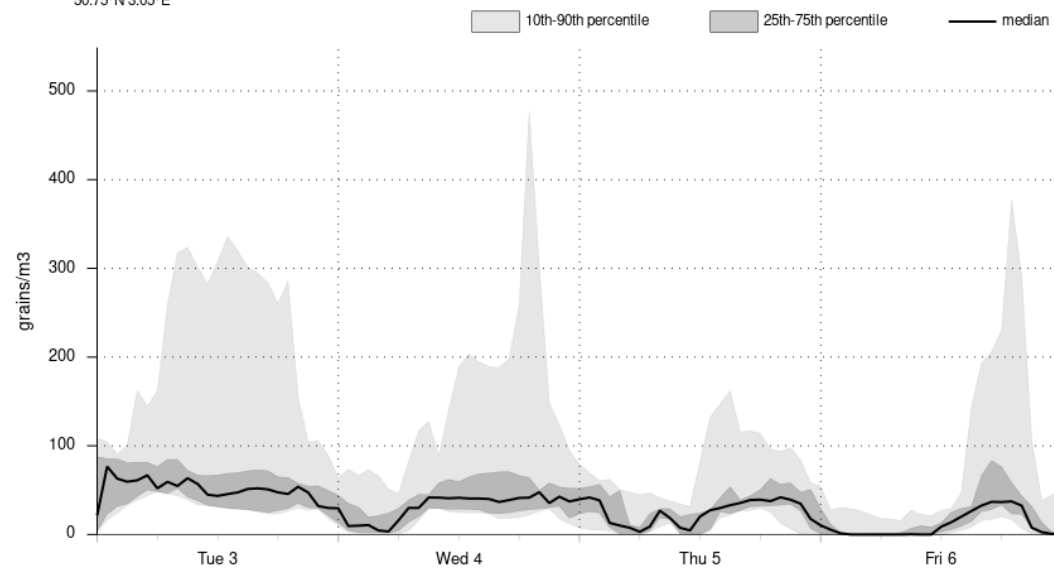
Multi-model distribution of ground-level ozone concentrations

50.65°N 2.85°E



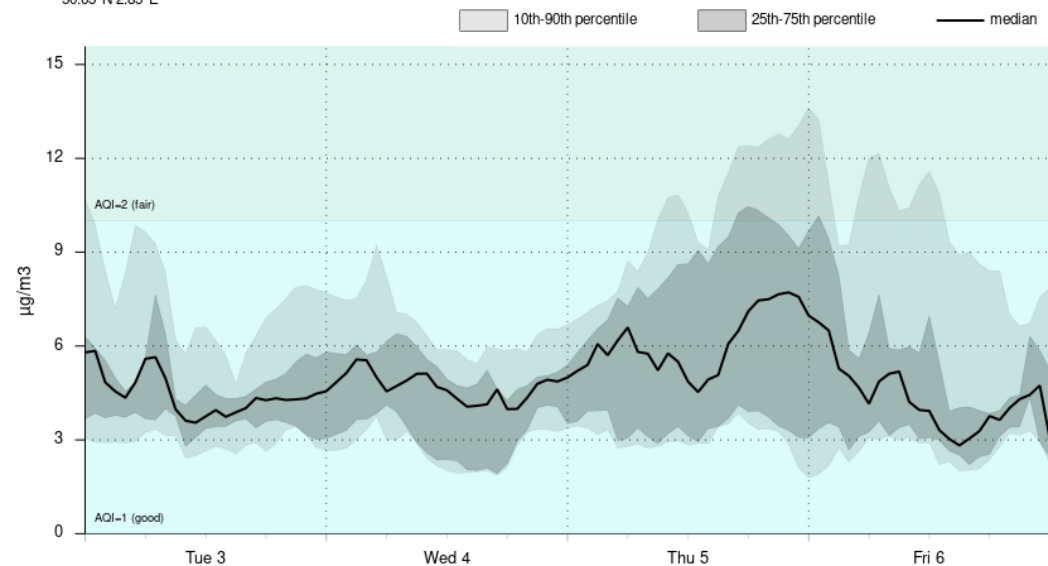
Multi-model distribution of ground-level grass pollen concentrations

50.75°N 3.05°E



Multi-model distribution of ground-level PM_{2.5} concentrations

50.65°N 2.85°E



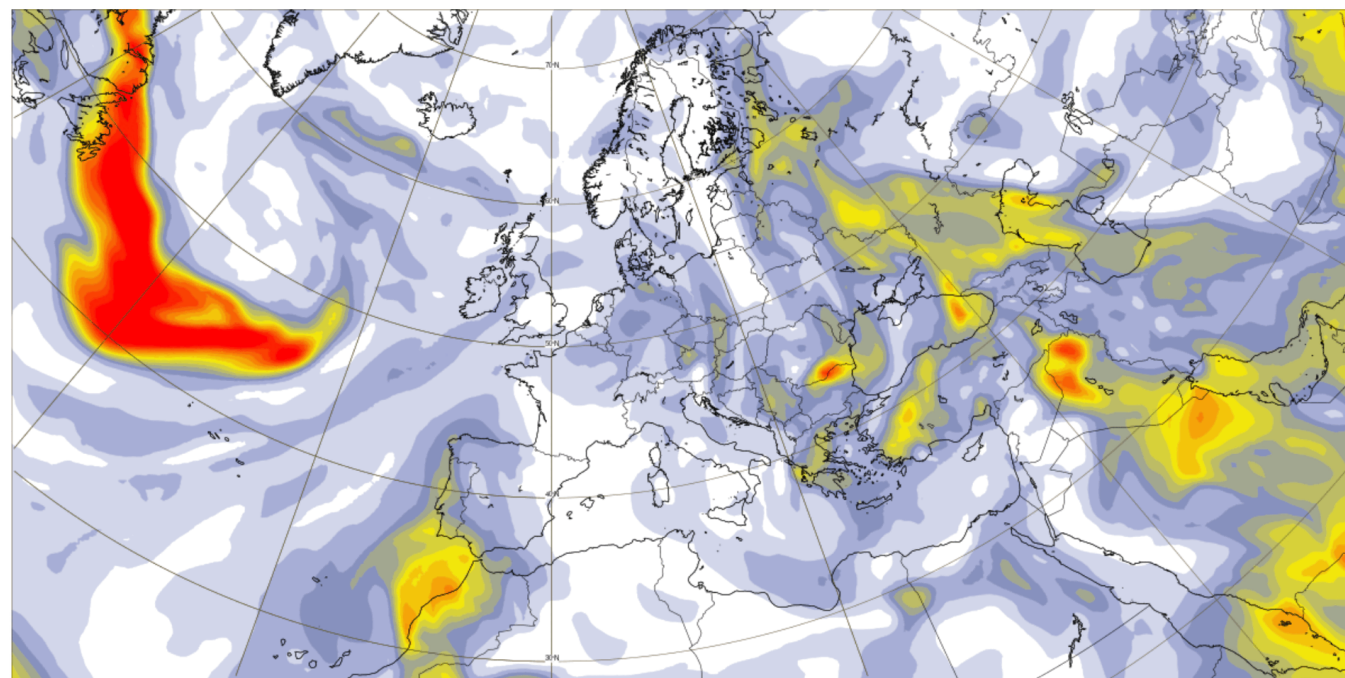


Air quality, Lille, a few days before

- Fire plume from Manitoba (Canada) transported to Europe

Aerosol forecasts

Base time: Fri 30 May 2025 00 UTC Valid time: Fri 30 May 2025 03 UTC (+3h) Area : Europe Aerosol type : Total aerosol



Aerosol optical depth at 550 nm (provided by CAMS, the Copernicus Atmosphere Monitoring Service) (default)



4-6-2025



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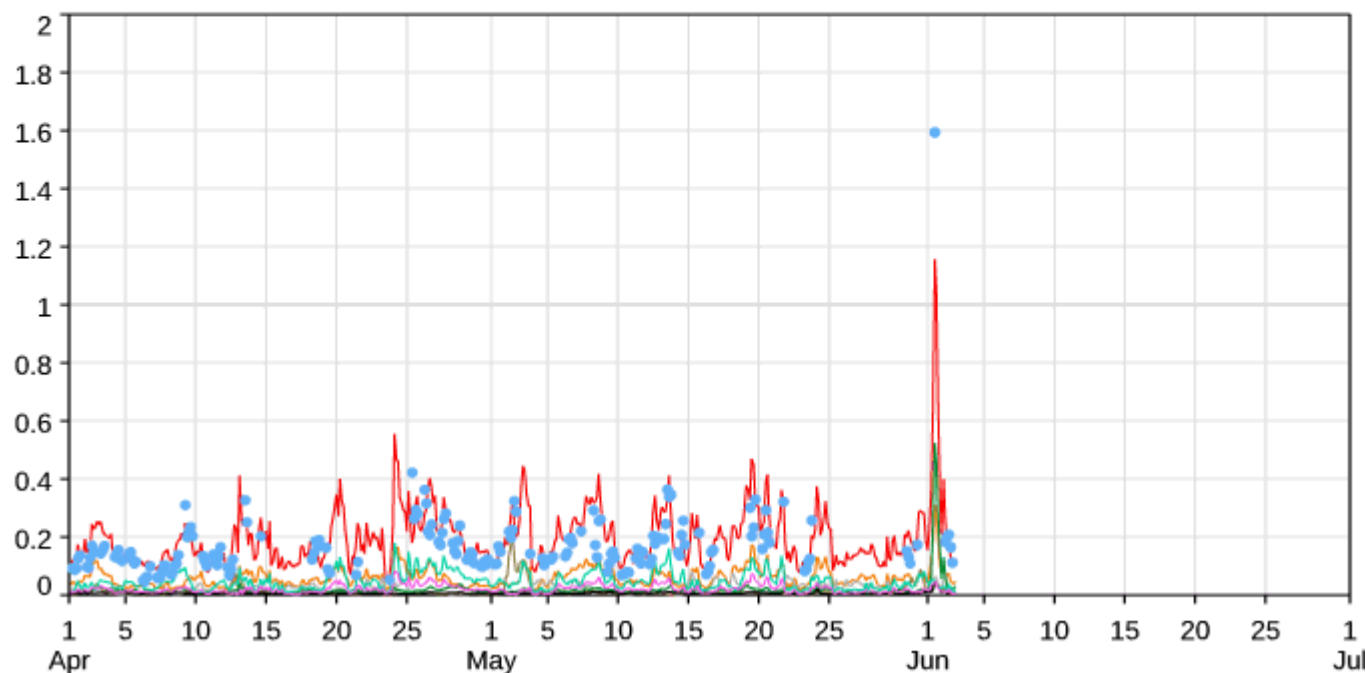
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Comparison of model (oper) and L1.5 Aeronet AOT at 500nm over Lille (50.61°N, 3.14°E).

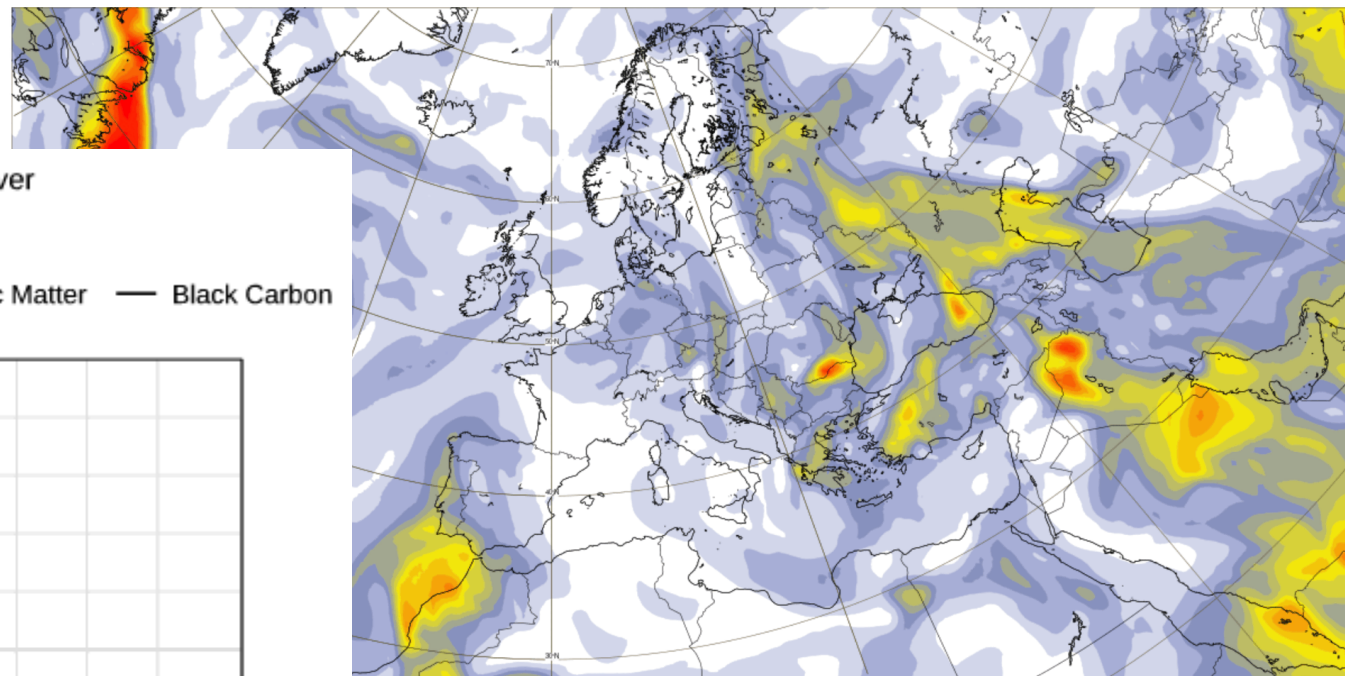
Apr - Jun 2025. 00Z, T+3 to 24. Ver0D 12.14.11.

● L1.5 Aeronet — Total FC AOT — Sulphate — Sea Salt — Dust — Organic Matter — Black Carbon
— Nitrate — Ammonium

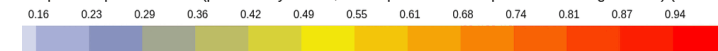


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Atmosphere
Monitoring Service
atmosphere.copernicus.eu

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ECMWF

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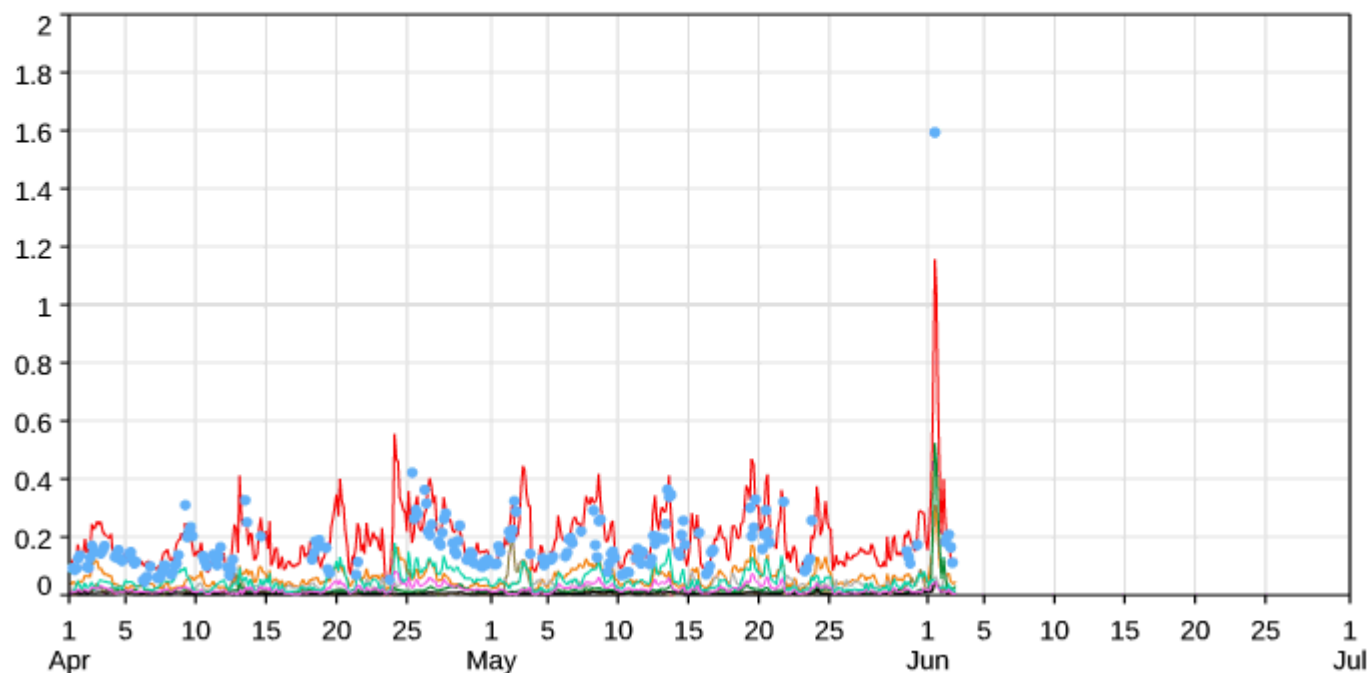
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Large fires in Manitoba, end of May 2025, X/Steve Gruber



Agenda

- Coffee and Snacks served in morning and afternoon break
- Lunch in canteen (ground floor) from 12.00 to 13:30
- Picture taken during afternoon break
- Conference participation and sharing via zoom link
- Conference dinner (self-paid) today at 19.00

| CAMAERA General Assembly - AGENDA | | |
|-------------------------------------|---------------------------------------|---|
| Wednesday 4 th June 2025 | | |
| Time (CET) | Speaker | Topic |
| 9:00 – 9:30 | | Reception - Breakfast |
| 9:30 – 9:45 | Samuel Rémy | Welcome and introduction |
| 9:45 – 10:15 | Jeronimo Escribano | Offline inversion of dust emissions |
| 10:15 – 10:45 | Michael Kahnert | Assimilation of lidar/ceilometer data |
| 10:45 – 11:00 | | Break |
| 11:00 – 11:30 | Vincent Huijnen | IFS-HAMM7 |
| 11:30 – 12:00 | Joanna Struzewska & Jacek Kaminski | Model intercomparison results |
| 12:00 – 13:30 | | Lunch break |
| 13:30 – 14:00 | Elin Aas | Gridded road dust emissions: GNORTRIP |
| 14:00 – 14:30 | Leon Geers | Dry deposition in LOTOS-EUROS |
| 14:30 – 15:00 | Thierry Elias | Results of the OD dry deposition intercomparison |
| 15:00 – 15:30 | Rostislav Kouznetsov | Dry deposition |
| 15:30 – 15:45 | | Break |
| 15:45 – 16:05 | David Simpson & Vincent Huijnen | Updating Biogenic VOC – activities and current status |
| 16:05 – 16:25 | Jhilik Majumdar | Evaluation of BVOC emission parameterization against local flux observations |
| 16:25 – 16:45 | Florian Couvidat | Treatment of semi-volatile properties of primary organic aerosols and impact on SOA formation |
| 16:45 – 17:15 | Samuel Remy & Gunnar Lange | First implementation of fungal spores in EMEP and IFS-COMPO |
| 17:15 – 17:45 | All | Open discussion & questions |
| End of first Day | | |
| Thursday 5 th June 2025 | | |
| Time (CET) | Speaker | Topic |
| 9:00 – 9:30 | | Breakfast |
| 9:30 – 10:30 | Dave Simpson & Hannah Jonas | Use of remote sensing LAI for online BVOC emissions and dry deposition |
| 10:30 – 10:45 | | Break |
| 10:45 – 11:45 | Mikhail Sofiev & Samuel Rémy | Desert dust activities |
| 11:45 – 12:00 | Samuel Rémy | Follow-up actions and meeting wrap up |
| 12:00 – 13:00 | | Lunch break |
| End of second Day | | |



Diner

- Péniche Archimède, Avenue Cuvier au Champs de Mars, Façade de l'Esplanade, 59000 Lille
- <https://www.penichearchimede.fr/>
- ~40mn walk

