

Journée de lancement du CDP AREA

Jeudi 6 mars 2025

Cité Scientifique, IMT Nord Europe
Villeneuve d'Ascq

- 8:30-9:00 **Accueil – Café.** (Hall)
- 9:00-9:30 **Introduction de la journée.** (Amphi)
- 9:30-10:30 **Conférence donnée par Manuela van Pinxteren (TROPOS, Leipzig).** (Amphi)
From Sea to Sky: The Connection between Marine Aerosols and the Ocean
Marine aerosols are a vital link between the ocean and atmosphere, shaping climate and cloud formation. This presentation explores their formation, composition, and parameterization, with a special focus on oceanic sources and on the sea surface microlayer (SML)—the ocean's dynamic "skin." Additionally, it examines the influence of the SML on Arctic aerosols and their role in cloud processes, highlighting key interactions between the ocean and atmosphere.
- 10:30-11:00 **Pause café.** (Hall)
- 11:00-11:30 **Session Poster flash*.** (Amphi)
- 11:30-12:15 **Session Posters 1.** (Hall)
- 12:15-13:00 **Buffet.** (Hall)
- 13:00-14:00 **Café – Session Posters 2.** (Hall)
- 14:00-15:30 **Réunions par groupe de travail WP1, WP2 et WP3.** (salles E001S, E003S, E101S)
- 15:30-15:45 **Point sur la maquette d'enseignement du Master ACCESS.** (Amphi)
- 15:45-16:30 **Restitution par WP.** (Amphi)
- 16:30 **Café et clôture de la journée.**

* Voir liste des posters en page 2. Consignes : 1 diapositive et 2 minutes pour la présenter.

Liste des Posters

- P1. "Particulate and gas emissions from wildfires in the southern Amazon from GOES-16 fire radiative power retrievals".
Thiago F. NOBREGA (CERI EE, Univ. São Paulo).
- P2. The Massive Open Online Course: "Atmospheric Research Infrastructures: Sharing the Future of Our Atmosphere" as an Innovative Tool for Atmospheric Science & Climate Change Education.
Antonia ZOGKA (CERI EE/LOA).
- P3. "Spatial and temporal variability of atmospheric NH₃ concentrations in north-western Europe from in situ and satellite observations".
Varun KATOCH (CERI EE).
- P4. "Data and Services AERIS/ICARE".
Nicolas PASCAL, Aurélien CHAUVIGNE (ICARE).
- P5. "Unprecedented growth of volcanic aerosols in vorticed volcanic plume parts from 2019 Raikoke eruption (Kuril Islands)".
Paul RUYNEAU DE ST-GEORGE (LOA).
- P6. "Theoretical study of atmospheric organosulfate aerosol reactivity"
Zahraa CHOUAIB (PhLAM).
- P7. "Reactivity of single aerosols containing Myrtenal".
Jad BALTAJI (LASIRE).
- P8. "Atmospheric fate of prenyl, a second-generation biofuel, in Simulation chambers: Insights into kinetics and gaseous / particulate oxidation products formation".
Reem AL-MAWLA (LPCA).
- P9. "Revisiting VOC and PM1 Emission Factors from ships in Dunkirk".
Erwan VOLENT (CERI EE).
- P10. "Theoretical insights into the oxidation of atrazine herbicide initiated by HO• radical in the gas phase".
Madhumita CHAKRABORTY (PC2A, PhLAM).
- P11. "Experimental Characterization and Theoretical Modelling of X-ray Absorption Spectra of Protactinium(V) Complexes".
Tamara SHAABAN (PhLAM).
- P12. "Formation, composition and reactivity of aerosol particles".
Gilberto Antonio ALOU ANGULO (PhLAM).
- P13. "Étude de l'inhomogénéité des aérosols atmosphériques à partir des observations de télédétection sol et satellite".
Philippe LESUEUR (LOA).
- P14. "Atmospheric heterogeneous interactions: from microscopic to macroscopic scale".
Anais LOSTIER, Antoine ROOSE (CERI EE).
- P15. "Self-lofting of stratospheric aerosols from major wildfire events".
Raphaël Lebrun (LOA).