



Consiglio Nazionale delle Ricerche

Istituto di Metodologie per l'Analisi Ambientale



ITINERIS – WP4 physical meeting.

CNR-IMAA, Contrada Loya, 85050 Tito (PZ)

Day 1 - 03/07/2023

Time slots in CEST/UTC +2 – [Join via Teams](#)

14:00 Welcoming Coffe

14:15 Opening remarks by Lucia Mona

14:30 – 16:00 Scientific Session I (Aerosol Typing & Aerosol Source) – Chair: Dario Massabò; Giandomenico Pace

Time	Presenter	Title
14:30 – 14:45	Daniele Contini (CNR-ISAC)	Characterisation of natural and anthropogenic aerosol sources
14:45 – 15:00	Nikos Papagiannopoulos (CNR-IMAA)	A brief history of aerosol typing from lidar observations
15:00 – 15:15	Francesca Barnaba (CNR-ISAC)	Desert dust Impact on PM air quality at national and EU scale
15:15 – 15:30	Michail Mytilinaios (CNR-IMAA)	Identification of desert dust events combining active and passive remote sensing observations
15:30 – 15:45	Riccardo Damiano (UNINA) (Remote)	Optical and microphysical characterization of atmospheric aerosol during simultaneous volcanic ash and desert dust transport events
15:45 – 16:00	Discussion	

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16:00 – 16:20 Coffe Break

16:20 – 17:30 Scientific Session I (Aerosol Typing & Aerosol Source) – Chair: Dario Massabò; Giandomenico Pace

Time	Presenter	Title
16:20 – 16:35	Virginia Vernocchi (INFN)	Airborne bacteria viability and air quality: a protocol to investigate the possible correlation by an ASC
16:35 – 16:50	Salvatore Romano (UniSalento)	Characterization of the Airborne Microbiome in Different Indoor and Outdoor Locations
16:50 – 17:05	Giandomenico Pace (ENEA)	Aerosol studies at the ENEA Station for Climatic Observation of Lampedusa
17:05 – 17:20	Roman/Zannoni - CeTrA (UNIVE)	CeTrA activities in atmospheric sciences
17:20 – 17:30	Discussion	

17:30 – 18:00 CIAO tour

End of Day 1

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ITINERIS – WP4 physical meeting in Potenza.

CNR-IMAA, Contrada Loya, 85050 Tito (PZ)

Day 2 - 04/07/2023

Time slots in CEST/UTC +2 – [Join via Teams](#)

09:00 – 09:15 Presentation of Daily Agenda

09:15 – 10:30 WP4 interactions with ITINERIS Work Packages

Time	Topic	Moderator
09:15 – 09:30	Atmospheric data in the ITINERIS Virtual Research Environment (WP8)	Lucia Mona
09:30 – 09:45	Training plans (WP3)	Lucia Mona
09:45 – 10:30	Physical and remote accesses in ITINERIS (WP2)	Simone Gagliardi Rosa Petracca

10:30 – 10:50 Coffe Break

10:50 – 13:00 Scientific Session II (Forest Fires) – Chair: Andrea D’Anna; Claudia Calidonna

Time	Presenter	Title
10:50 – 11:05	Federico Fierli (EUMETSAT/CNR) (Remote)	Priorities in wildfire management - contribution of the new Earth Observation programs and synergies with ground-based networks
11:05 – 11:20	Francesco D'amico (CNR-ISAC) (Remoto)	Paleontological, geochemical and geological approach on forest fires: the search for trackers and data estimates

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11:20 – 11:35	Alessia Sannino (UNINA) (Remote)	Aerosol characterization during the summer 2017 huge fire event on Mount Vesuvius
11:35 – 11:50	Luana Malacaria (CNR-ISAC)	Impact of agriculture biomass burning at coastal site in Lamezia Terme: integratinf data of different instruments
11:50 – 12:05	Benedetto De Rosa (CNR-IMAA)	Characterization of the optical and microphysical properties of fires with the lidar technique
12:05 – 12:20	Salvatore Sinopoli (CNR-ISAC)	Data Collection scheme available at Itineris contributing UOs to focus on ground paramaters for Forest Fire Pilot
12:20 – 12:35	Paolo Pettinari (CNR-ISAC) (Remote)	A new FTIR for the retrieval of additional trace gases over the Po Valley
12:35 – 13:00	Discussion	

13:00 – 14:00 **Lunch Break**

14:00 – 15:00 **Data FAIRness and Data Managment Plan in ITINERIS**

Time	Title	Presenter
14:00 – 14:30	Data FAIRness and Data Managment Plan	Andrea Tarallo (CNR-IRET)
14:30 – 14:45	Preliminary Survey Outcomes: WP4 in ITINERIS	Gregorio Sgrigna (CNR-IRET)
14:45 – 15:00	Discussion	

15:00-15:30 **Scientific Session III (PBL) – Chair: Giuseppe D’Amico; Vincenzo Rizi**

Time	Presenter	Title
15:00 - 15:15	Marinoni/Barnaba (CNR-ISAC)	Impact of atmospheric boundary layer height on atmospheric pollutants at ground
15:15 – 15:30	Paolo Cristofanelli (CNR-ISAC) (Remote)	Continuous measurements of the CH ₄ /CO at Mt. Cimone and their use for estimating regional CH ₄ emissions

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15:30-15:50 Coffe Break

15:50-17:00 **Scientific Session III (PBL)** – Chair: Giuseppe D'Amico; Vincenzo Rizi

Time	Presenter	Title
15:50 – 16:05	Francesca Barnaba (CNR-ISAC)	From real-time to long-term analyses of aerosol vertical profiles across Italy with Alicenet
16:05 – 16:20	Teresa Lo Feudo (CNR-ISAC)	Vertical wind structure and PBL at Lamezia Terme Coastal site using remote sensing sensors and goud based station
16:20 – 16:35	Vito Vitale (CNR-ISP) (Remote)	Integrating ground-based ozone and UV measurements in Svalbard
16:35 – 16:40	Federico Fierli (EUMETSAT/CNR)	Validation needs and methods for Atmospheric Composition Copernicus and Operation missions
16:40 – 17:00	Discussion	

End of Day 2

20:30 **Social Dinner** at Dimora Storica Giorni

<https://goo.gl/maps/RaydurM9Pc13w7pv7>

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