European Aerosol Conference 2025 - SCHEMATIC PROGRAM

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
08:30-08:45		CODE: OPE - Opening ceremony				
08:45-09:00		CODE: PL1	CODE: PL2	CODE: PL3	CODE: PL4	CODE: PL5
09:00-09:15		Plenary 1: The European Research Infrastructure ecosystem to support environmental science and innovation Speaker: Gelsomina Pappalardo	Plenary 2: Dust in the Wind: Entrained Mineral Dust, Life, and the Universe Speaker: Hans Moosmüller	Plenary 3: New aerosol particle formation and growth process in cities with consequences on air quality, human health and climate Speaker: Imre Salma	Plenary 4: Black carbon, ultrafine particles and health impact- Evidence and research gaps Speaker: Ebba Malmqvist	Plenary 5: Exotic organic peroxy radicals driving organic aerosol nucleation and growth. Speaker: Neil M. Donahue
09:15-09:30						
09:30-09:45						
09:45-10:00		Coffee break	Coffee break	Coffee break	Coffee break	CODE: AW
10:00-10:15						Awards
10:15-10:30		CODE: MO1-1; MO1-2; MO1-3; MO1-4; MO1-5	CODE: TU1-1; TU1-2; TU1-3; TU1-4; TU1-5	CODE: WE1-1; WE1-2; WE1-3; WE1-4; WE1-5	CODE: TH1-1; TH1-2; TH1-3; TH1-4; TH1-5	Coffee break
10:30-10:45		Oral sessions	Oral sessions	Oral sessions	Oral sessions	
10:45-11:00		4 orals*5 sessions=20	4 orals*5 sessions=20	4 orals*5 sessions=20	4 orals*5 sessions=20	CODE: FR1-1; FR1-2; FR1-3; FR1-4; FR1-5
11:00-11:15						Oral sessions
11:15-11:30		break	break	break	break	5 orals*5 sessions=25
11:30-11:45		CODE: MO2-1; MO2-2; MO2-3; MO2-4; MO2-5	CODE: TU2-1; TU2-2; TU2-3; TU2-4; TU2-5	CODE: WE2-1; WE2-2; WE2-3; WE2-4; WE2-5	CODE: TH2-1; TH2-2; TH2-3; TH2-4; TH2-5	
11:45-12:00		Oral sessions	Oral sessions	Oral sessions	Oral sessions	
12:00-12:15		4 orals*5 sessions=20	4 orals*5 sessions=20	4 orals*5 sessions=20	4 orals*5 sessions=20	Refreshments
12:15-12:30						
12:30-12:45		Lunch / AR Editorial Board meeting	Lunch / EAA Board meeting	Refreshments / HAAR meeting	Lunch / IARA Board meeting	
12:45-13:00						CODE: FR2-1; FR2-2; FR2-3; FR2-4; FR2-5
13:00-13:15						Oral sessions
13:15-13:30				CODE: WE3-1; WE3-2; WE3-3; WE3-4; WE3-5		5 orals*5 sessions=25
13:30-13:45						
13:45-14:00		CODE: MO3-1; MO3-2; MO3-3; MO3-4; MO3-5	CODE: TU3-1; TU3-2; TU3-3; TU3-4; TU3-5	Oral sessions	CODE: TH3-1; TH3-2; TH3-3; TH3-4; TH3-5	
14:00-14:15		Oral sessions	Oral sessions	6 orals*5 sessions=30	Oral sessions	CODE: CLO
14:15-14:30		4 orals*5 sessions=20	4 orals*5 sessions=20		4 orals*5 sessions=20	Closure
14:30-14:45		break	break	break	break	
14:45-15:00						
15:00-15:15		CODE: MO4-1; MO4-2; MO4-3; MO4-4; MO4-5	CODE: TU4-1; TU4-2; TU4-3; TU4-4; TU4-5	ACTRIS – AIS meeting	CODE: TH4-1; TH4-2; TH4-3; TH4-4; TH4-5	
15:15-15:30		Oral sessions	Oral sessions		Oral sessions	
15:30-15:45		6 orals*5 sessions=30	6 orals*5 sessions=30		6 orals*5 sessions=30	
15:45-16:00						
16:00-16:15						
16:15-16:30						
16:30-16:45		Transfer to Studium 2000	Transfer to Studium 2000	BC symposium	Transfer to Studium 2000	
16:45-17:00		Coffee break	Coffee break		Coffee break / WG meetings	
17:00-17:15			Group photo			
17:15-17:30		CODE: PO1	CODE: PO2 / ROXI Group Meeting		CODE: PO3	
17:30-17:45						
17:45-18:00	Pre-registration & Ice breaker	Poster session & exhibition talks	Poster session & exhibition talks	City tour and aperitif	Poster session & exhibition talks	
18:00-18:15						
18:15-18:30						
18:30-18:45						
18:45-19:00						
19:00-19:15				OR		
19:15-19:30			Young Investigator Network - YIN event			
19:30-20:00					Transfer to social dinner	
20:00-21:00				Other social events and tours	Social dinner	
21:00-22:00						
22:00-23:00						
23:00-24:00						

EAC 2025

European Aerosol Conference

31/08/2025 - 05/09/2025

Lecce, Italy

	Monday Room Tiziano		Monday Room Leonardo		Monday Room Caravaggio		Monday Room Raffaello		Monday Room Donatello	
08:30-08:45	Opening ceremony									
08:45-09:00	**Plenary 1: The European Research Infrastructure ecosystem to support environmental science and innovation** **Speaker: Gelsomina Pappalardo** Chairs: Francesco Petracchini, Maria Rachele Guascito		**Plenary talk will also be shown in Leonardo**							
09:00-09:15										
09:15-09:30										
09:30-09:45										
09:45-10:00	Coffee break		Coffee break		Coffee break		Coffee break		Coffee break	
10:00-10:15										
	MO1_1 - WG3: Measurement Techniques for carbonaceous aerosols Chairs: Christof Asbach, Monica Campanelli		MO1_2 - SS1: Aerosols in the Mediterranean basin: effects on regional climate and air quality (I) Chairs: Maria Gini, Stefano Decesari		MO1-3 - WG2: Physico-chemical properties of dust and smoke Chairs: Konrad Kandler, Martine Collaud Coen		MO1-4 - WG1: Aerosol emissions from aviation Chairs: Luca D'Angelo, Olli Sippula		MO1-5 - WG5: Smog chamber and flowtube simulations and experiments (I) Chairs: Sandy Solaiman, Yarê Baker	
10:15-10:30	470, Intercomparison Campaign of Total Carbon Analyzers and Aethalometers: TC-BC Equivalence to OC/EC Using CEN/TR 18076	Rigler Martin	557, A burning issue of air pollution in the Adriatic coastal zone: insights into the ageing of aerosol properties and impacts on human and environmental health	Frka Sanja	148, Sources and fate of Icelandic dust reaching Svalbard	Moroni Beatrice	1197, Impact of replacing Jet A-1 with SAF in terms of soot emissions: a SAXS study	Littin Mijail	914, Exploring the particle-phase emissions of biomass burning and their chemical transformations at the outdoor EUPHORE simulation chambers	Ródenas Mila
10:30-10:45	485, Co-occurrence of elemental carbon and mineral dust in thermal-optical analysis: reducing the bias and approximating mineral dust	Kau Daniela	331, Saharan dust transport event characterization in the Mediterranean atmosphere using 21 years of in-situ observations	Vogel Franziska	126, Characteristics and sources of particulate matter from an open pit mine and hydrometallurgical plant within the Congolese Copperbelt	Kasongo John	830, Quantitative Assessment of Gaseous and Particulate Matter Emissions from a Business Jet Engine Operated with Sustainable Aviation Fuel	Schripp Tobias	387, Chamber experiments on the evolution of Polycyclic Aromatic Hydrocarbons (PAHs) and oxygenated PAHs (OPAHs) in fresh and aged biomass burning emissions	Tsiodra Irini
10:45-11:00	836, Particulate and gas emissions from wildfires in the southern Amazon from GOES-16 fire radiative power retrievals	Ferreira da Nobrega Thiago	383, Variability of Dust Optical Properties during Severe Dust Events over the Mediterranean	Papetta Alkistis	745, Evolution characteristics of crop residue fires during STUB-BURN campaign in N W India: Emission factors and aging indicators	Pandey Anjanay	815, Measurement of real-world emission indices for typical aircraft engine types at Frankfurt Airport	Schmitt Steffen	333, AIDA Arctic transport experiment (part 1): simulation of northward transport and ageing effect on fundamental black carbon properties	Zanatta Marco
11:00-11:15	469, Performance evaluation of a portable optoacoustic sensor for Black carbon in lab conditions	Raptis Ioannis	589, Characterization of aerosols in western Mediterranean basin: optical properties, sources and vertical transport between Granada and Sierra Nevada during summer 2024	Perfetti Camilla	702, Dynamic Aging Effects and Mixing State of Hydrophilic Organics and Polyaromatic Hydrocarbons in Wildfire Smoke	Passig Johannes	862, Tracing Aviation Impacts on Air Quality: PM Chemical Composition and Source apportionment near Zürich airport	Suneeti Mishra	818, Ozone-Driven Aerosol Precursor Enhancement in Polyaromatic OH Oxidation	Kumar Avinash
11:15-11:30	break		break		break		break		break	
	MO2_1 - WG3: Advancements in UFP instrumentation in view of new EU Air Quality Directive Chairs: Jakub Ondracek, Martin Rigler		MO2_2 - SS1: Aerosols in the Mediterranean basin: effects on regional climate and air quality (II) Chairs: Evelyne Gehin, Eduardo Yubero		MO2-3 - WG4: Carbonaceous aerosols: sources and impacts (I) Chairs: Mihalis Lazaridis; Tereza Cervena		MO2-4 - WG1: Aerosol emissions from biomass combustion Chairs: Tobias Schripp, Mohsen Kazemimanesh		MO2-5 - WG5: Molecular dynamics of nucleation and growth Chairs: Pratsinis Sotiris, Guentner Andreas	
11:30-11:45	981, Findings from a one year measurement campaign of the number concentration and number size distribution with MPSS, CPC and Partector 2 Pro	Asbach Christof	475, Spring Particles In CYprus (SPICY) – campaign; From oxidation of reactive trace gases and new particle formation to potentially active cloud condensation nuclei.	Jokinen Tuija	623, Levels of particulate Polycyclic Aromatic Compounds and their Carcinogenic Risk in an urban center of Greece: A Three-Year Study	Tsiodra Irini	287, The impact of particle size on the light absorption of wildfire-like brown carbon emissions from wood combustion	Moularas Constantinos	582, Methodological Challenges in Ab Initio Molecular Dynamics: Implications for Aerosol Science	Halonen Roope
11:45-12:00	177, Harmonization of MPSS instruments with respect to data inversion bias by intercomparison against a reference MPSS	Vratolis Stergios	729, Linking source apportionment to PM2.5 oxidative potential: Insights from the East-Mediterranean region	Fadel Marc	134, Measurement of BC Particles in Human Tissue	Hopke Philip K.	537, Optical properties of particle emissions from a wood stove: How do particle filtration and atmospheric aging influence the radiative forcing of emissions?	Sippula Olli	110, The diffusivity of nanoparticles in the free molecule regime	Sotiris Pratsinis
12:00-12:15	505, Traceable Calibration of Ultrafine Particle Instrumentation	Steiner Gerhard	212, Studying the impact of ship emissions on the PM chemical composition in a large Mediterranean Port	Poupkou Anastasia	847, Hazard Ranking of Fresh and Aged Combustion Aerosol Emissions from the Transportation Sector by a Human Bronchial Tissue Model and a Multi-Criteria Decision Making Approach	Czech Hendryk	866, Aerosol emissions from biomass combustion: The effects of ventilation degree and oxygen concentration on PAH emissions	Rex Johannes	1065, Molecular dynamics study of iron nanoparticle formation in Aerosol Spray Pyrolysis (ASP)	Darzi Alireza
12:15-12:30	1090, Beyond CEN-compliant ambient aerosol monitoring: 10 nm calibration of a water-based Condensation Particle Counter (WCPC)	Tritscher Torsten	552, Characterization of Transport Contributions to Urban Aerosol Pollution in Barcelona: Source Apportionment Results from the AIR-PHONEMA Project	Glojek Kristina	458, Polycyclic Aromatic Hydrocarbons and their oxy- and nitro-Derivatives in Urban Aerosol: Levels, Emission Sources and Correlation with Oxidative Potential.	Simonetti Giulia	296, Condensable Particulate Matter Formation at Different Atmospheric Pollutant Conditions	Ryu Geun-wu	236, On Thermionic Emission Channel of Heat Transfer between Nanoparticles and Gas	Agranovski Igor
12:30-12:45										
12:45-13:00	Lunch	AR Editorial Board meeting	Lunch	AR Editorial Board meeting	Lunch	AR Editorial Board meeting	Lunch	AR Editorial Board meeting	Lunch	AR Editorial Board meeting
13:00-13:15										
13:15-13:30										
13:30-13:45										
	MO3-1 - WG2: Transport of atmospheric aerosols, modelling and climate forcing (I) Chairs: Hanna Wiedenhaus, Martine Van Poppel		MO3-2 - WG4: Air pollution, health and regulations Chairs: Vânia Martins; Beatrice Moroni		MO3-3 - WG3: Studies applying low-cost sensors Chairs: Stefan Schumacher, Kerstin Schepanski		MO3-4 - WG1: Aerosol emissions from novel fuel combustion, automotive brakes and waste treatment facilities Chairs: Panu Karjalainen, Nabil Abomailek		MO3-5 - WG2: Physico-chemical properties of atmospheric aerosols (I) Chairs: Paulo Artaxo; Olga Zografou	
13:45-14:00	462, Dust in the Arctic: interactions between climate, dust, and ecosystems	Outi I. Meinander	**Keynote** 787, The role of particulate matter on short-term cognition, education, and productivity	Faherty Thomas	691, Assessing response of indoor air quality sensors in longitudinal studies	Hedges Michael	896, Low-carbon fuels for non-road machinery: Emissions from a 45 kW one-cylinder four-stroke engine operated on ammonia with diesel pilot ignition	Czech Hendryk	213, In situ observations of coral reef contribution to aerosol number size distributions over the Great Barrier Reef	Okuljar Magdalena
14:00-14:15	1022, Vegetation fires as a source of soil-dust particles – a global model perspective	Wagner Robert			430, Low-cost air quality data collection using sensors and student science in Ethiopia	Dingemanse Johannes Dirk	523, Black carbon and light-absorbing properties of fresh and photochemically aged aerosol emissions from a marine diesel engine operated with low sulfur fuels	Kokkola Tuukka Kristian	382, Optimization of ISORROPIA model applied to insulator flashover preventions	Gini Irene
14:15-14:30	1046, Dusty Skies, Uncertain Power: Saharan dust storms and photovoltaic energy forecasting in Central Europe	Rostási Ágnes	404, Air pollution and health surveillance in England – A decision making tool	Mitsakou Christina	284, Long-term aerosol measurements of the Alphasense OPC-N3 in arctic regions	Schneiders Kilian	1033, Equivalent Black Carbon in automotive brake emissions	Pagels Joakim	362, External particle mixing influences hygroscopicity in a sub-urban area	Deshmukh Shravan
14:30-14:45	665 Trace metal-containing aerosols in the atmosphere of the Indian Ocean	Passig Johannes	479, ARE CURRENT REGULATIONS TARGETING THE RIGHT POLLUTANTS? On the role of chemical composition, ultrafine particles, and gas phase components for toxicity of exhaust emissions – results from the ULTRHAS project	Øvrevik Johan	285, Novel approaches in ambient air quality assessment...low-cost sensor ... RI Urbans project	Bousiotis Dimitrios	908, Air quality implications of a large waste treatment facility fire in Tampere	Ojala Atte Eerik Johannes	174, Sub-micrometer particulate matter physico-chemical properties and formation processes in real indoor environments	Rinaldi Matteo
14:45-15:00	break		break		break		break		break	
	MO4-1 - WG2: Transport of atmospheric aerosols, modelling and climate forcing (II) Chairs: Roland Schrödner, Clara Seidel		MO4-2 - WG5: Smog chamber and flowtube simulations and experiments (II) Chairs: Irini Tsiodra, Vincenzo Liguoro		MO4-3 - WG2: Aerosol optical propertise: from sources to coating Chairs: Grisa Mocnik, Luca Ferrero		MO4-4- WG4: Health-relevant aerosols and their characteristics (I) Chairs: Roy Chad, Carla Ribalta		MO4-5 - WG2: Molecular characterization of atmospheric aerosols Chairs: Andrea Gambaro, Adriana Pietrodangelo	
15:00-15:15	731, Observations of nocturnal nanoparticle waves in the suburban area of Rome	Pelliccioni Armando	153, Study in the atmospheric simulation chamber CHARME of the reactivity of monoterpenes first-generation oxidation products: Implications on air quality and climate	Solaiman Sandy	1071, Retrieval of aerosol physical and optical properties from in situ measurements of angular and polarization dependence of light scattering during the LUMINOUS field experiment	Gysel-Beer Martin	813, Comparison of toxicological effects of airborne PM2.5 considering ALI vs submerged exposure of lung epithelial cells	Allouche Yamina	142, Molecular characterization and variability of organic aerosols in rural and urban sites of the Po Valley	D'Angelo Luca
15:15-15:30	599, Catalytic stripper with plate Electrostatic Aerosol Classifier for reducing thermophoretic loss	GUO Chengxiang	1096, Can carbonyl compounds (aldehydes and ketones) form aerosol precursors in NOx rich urban atmosphere?	Barua Shawon	712, Characterisation of aerosol types from different sources using a 2D AAE approach at various European sites	Gregorič Asta	503, Investigating oxidative potential of particulate matters (PM) emitted from biomass combustion: Insights from AA and DTT assays	Khedari Marie	113, Organic aerosols of the UTLS. Differences in tropospheric and stratospheric composition	Breuninger Anna
15:30-15:45	563, Ultrafine particle concentrations in Berlin: results from the ULTRAFLEB project	Manders Astrid	668, Gas-particle partitioning of levoglucosan under controlled conditions: influence of relative humidity, aerosol mass, particle size, and surfactant	Wu Junteng	583, Addressing the advantages and limitations of using Aethalometer data to determine the optimal Absorption Ångström Exponents (AAEs) values for eBC source apportionment	Savadkoohi Marjan	982, Near Real-Time Airborne Virus Surveillance using Optical Detection and Machine Learning	Valsesia Andrea	1112, Ambient Ultrafine Particles - Sampling, Classification and Chemical Characterization including the Quantification of ubiquitous PAHs	Gawlitta Nadine
15:45-16:00	807, Top-down estimates of European emissions of black carbon for 2022	Annadate Saurabh	637, Low-volatility products formed from ortho-cresol oxidation and their contribution to secondary organic aerosol	Wu Rongrong	562, Coating thickness and mass absorption cross-section of black carbon of fresh biomass burning emissions	Yus Díez Jesús	621, Dispersal of potential pathogens and antibiotic resistance genes by dust storms in the Eastern Mediterranean	Rudich Yinon	882, Chamber of secrets: Dimers and other degradation products of sabinene and limonene	Björgvinsdóttir Puriður Nött
16:00-16:15	389, Traffic-related black carbon concentration forecast using the dispersion model GRAL	Ivančič Matic	898, Simulating marine aerosolization of microalgae	Rosati Bernadette	525, Effects of photochemical and dark aging on the light absorbing properties of Eurasian boreal forest fire aerosol emissions	Kokkola, Tuukka Kristian	967, A Deep Learning Approach to Oxidative Potential Estimation from Remote Sensing	Carbone Alessia	1089, Assessing size-resolved molecular characteristics of primary and secondary organic aerosols in the Amazon rainforest by high-resolution Orbitrap mass spectrometry	Hildmann Stefanie
16:15-16:30	1157, Mountains Meet the City: Modeling the transport of black carbon in Almaty, Kazakhstan using the WRF-CHIMERE model	Tursumbayeva Madina	872, Formation and composition of organic aerosols from the uptake of glyoxal on natural mineral dust aerosols: a laboratory study	Giorio Chiara	386, Light absorbing and scattering properties of freshly emitted, aged, and secondary formed wood combustion aerosols	Alföldy Balint	504, Evolution of CO2 and PM concentrations in the meeting rooms of an international scientific congress (at EAC2023)	Castillo Jose L.	794, Characterization of surfactants in aerosol PM1 from different environments and cloud water from France	Grisillon Jim
16:30-16:45	Transfer to Studium 2000		Transfer to Studium 2000		Transfer to Studium 2000		Transfer to Studium 2000		Transfer to Studium 2000	
16:45-17:00	Coffee break		Coffee break		Coffee break		Coffee break		Coffee break	
17:00-17:15										
17:15-17:30										
17:30-17:45										
17:45-18:00	Poster session & exhibition talks		Poster session & exhibition talks		Poster session & exhibition talks		Poster session & exhibition talks		Poster session & exhibition talks	
18:00-18:15										
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18:30-18:45										

	Tuesday Room Tiziano		Tuesday Room Leonardo		Tuesday Room Caravaggio		Tuesday Room Raffaello		Tuesday Room Donatello	
08:30-08:45										
08:45-09:00	**Plenary 2: Dust in the Wind: Entrained Mineral Dust, Life, and the Universe** **Speaker: Hans Moosmüller** Chairs: Roberta Vecchi, Daniele Contini		**Plenary talk will also be shown in Leonardo**							
09:00-09:15										
09:15-09:30										
09:30-09:45										
09:45-10:00	Coffee break		Coffee break		Coffee break		Coffee break		Coffee break	
10:00-10:15										
	TU1-1 - WG2: High temporal resolution source apportionment Chairs: Andrè Prevot, Vera Bernardoni		TU1-2 - WG3: Measurement Techniques for atmospheric aerosols Chairs: Anja Hedwig Tremper, Gerhard Steiner		TU1-3 - WG4: Air pollutant exposure and mapping (I) Chairs: Daniela Cesari; Thomas Faherty		TU1-4 - WG2: Transport of atmospheric aerosols, modelling and climate forcing (III) Chairs: Robert Wagner, Outi I. Meinander		TU1-5 - WG2: Aerosol-cloud-interaction, ice nucleation and role in climate feedbacks (II) Chairs: Birgit Wehner, Kunfeng Gao	
10:15-10:30	**Keynote** 441, Real-time source apportionment using the AXA (ACSM, Xact, Aethalometer) instrumental set-up in urban areas in China	Manousakas Manousos Ioannis	920, Multiple nature-based solutions for monitoring non-exhaust emission from rail and vehicular traffic	Di Martino Elisa	704, Bucharest fine-scale mapping and aerosol composition trends using RADO-Bucharest site measurements	Vasilescu Jeni	133, Severe haze episodes in Beijing may be influenced by emissions in far western China	Foreback Benjamin	490, New particle formation and its contribution to cloud condensation nuclei in the Eastern Mediterranean: Insights from the Spring Particles in Cyprus campaign	van den Born Marije
10:30-10:45			986, LCS as a tool for air quality monitoring during urban regeneration activities	Doldi Andrea	210, Exposure assessment to traffic related atmospheric pollution - case study of street fruits dealers in the city of Thiès, Senegal	Tchanche Bertrand	247, Importance of Anthropogenic Sources for Seasonal and Spatial Variability of Primary and Secondary Particulate Matter in Central Europe	Wiedenhaus Hanna	900, Cloud-Aerosol Interactions under high reactive Nitrogen concentrations– First highlights from the CAINA project	Dusek Ulrike
10:45-11:00	258, Characterization of high time resolution fine PM in a middle-European urban environment	Angyal Anikó	104, Vertical Distribution of Pollutants Detected by Unmanned Aerial Vehicle and Low Cost Sensors in Singapore	Ma Mutian	483, Drosophila melanogaster as a bioindicator of PM-induced oxidative stress effects	Vaccarella Emanuele	850, Towards an improved historical emission dataset for modelling air quality in urban areas during the industrialization	Seidel Clara	426, Determining the size-resolved cloud condensation nuclei in the urban atmosphere	Vörösmarty Máté
11:00-11:15	651, Aerosol source apportionment at the site of Lecce (Italy): a comparison between physics- and chemistry-based PMF	Mapelli Caterina	738, assessment of aircraft nvPM emission measurements from traditional and novel meas. Techniques	Berthier Antoine	165, Understanding pesticides monitoring with local agricultural uses and practices	Guillaume Killian	1006, Tracking the origin of natural aerosol precursors using chemical transport modelling	Tammekivi Terje	266, Harmonized 10-site aerosol data set to improve understanding and prediction of global cloud condensation nuclei	Zabala Ines
11:15-11:30	break		break		break		break		break	
	TU2-1 - WG2: Multisite and multitime source apportionment Chairs: Philip K. Hopke, Eleonora Cuccia		TU2-2 - WG3: Measurement techniques for chemical aerosol characterization (I) Chairs: Andreas Held, Olga Popovicheva		TU2-3 - WG4: Air pollutant exposure and mapping (II) Chairs: Evangelia Diapouli, Marianna Conte		TU2-4 - WG1: Monitoring and simulation of aerosol synthesis, motion and deposition Chairs: Arianna Parisi, Georgios Sotiriou		TU2-5 - WG2: Aerosol-cloud-interaction, ice nucleation and role in climate feedbacks (III) Chairs: André Welti, Máté Vörösmarty	
11:30-11:45	725, Quantifying non-exhaust emissions in London using a combined source apportionment and machine learning approach	Tremper Anja Hedwig	564, Continuous chemical characterization and source apportionment of ultrafine particulate matter (PM0.1) in an urban and a background site	Spyros N. Pandis	204, Mobile exposure mapping using citizens and portable instruments: a service tool for an increased spatiotemporal understanding on air pollution	Hofman Jelle	461, Aerosol synthesis of carbon-nano onions containing TiO2 with oxygen vacancies: Insights of morphology and optical features	Tanveer Muhammad	539, Interactions between air pollution and fog formation in the Po Valley: perspectives from intensive field studies and long-term monitoring	Decesari Stefano
11:45-12:00	592, Source-dependent absorption Ångstrom exponent in the Los Angeles Basin: Multi-time resolution factor analyses of ambient PM2.5 and aerosol optical absorption	Savadkoohi Marjan	1084, Assessing the chemical composition of 10-50 nm particles with an online DMA-VIA-MION-Orbitrap setup	Finkenzeller Henning	172, Modeling City-level Intra-urban Spatial Variations of Airborne Ultrafine Particles from Low-cost Sensors and Small-scale Monitoring Campaign	Abdillah Sultan F.I.	225, Development of an experimental setup for the fundamental study of metal-oxide flame synthesis: in-situ characterization, ex-situ measurements and CFD simulations	Franzelli Benedetta	596, From Pre-Cloud to Cloud Formation: Real-Time Characterization of Cloud Residuals and VOCs in Southeast China	Zhang Yi
12:00-12:15	1029, Multi-time Positive Matrix Factorization approach for enhanced source apportionment of organic aerosols from aerosol mass spectrometry and molecular speciation in two urban environments (Lyon and Bordeaux, France)	Chebaicheb Hasna	385, A new method to characterize aerosol chemical composition using Nanoelectromechanical Systems Fourier Transform Infrared Spectroscopy: NEMS-FTIR	Surdu Mihnea	405, Assessment of Polycyclic Aromatic Hydrocarbon concentrations and Black carbon levels in primary schools and residences in urban and rural Barcelona	Aretaki Maria Antonia	111, Diffusion dynamics of tiny SiO2 nanoparticles in air	Pratsinis Sotiris E.	1095, Investigating the role of isoprene cloud processing in SOA formation during deep convective events	Mohr Claudia
12:15-12:30	326, A source apportionment methodology joining multi-time resolution and size segregated datasets for a better understanding of aerosol sources	Cadeo Laura	518, A Round Robin exercise of Xact 625i elemental analysis by intercomparison with reference-free PIXE and XRF techniques	Fratticioli Cosimo	510, Exposure Assessment of Aviation-Related Aerosol Particles: Findings from the BEAR Study	Weiss Magdalena	1190, The Flow Resistance of Hybrid Packed Bed-Monolithic Reactors: Theory and Experiment	Konstandopoulos Athanasios G.	314, Analysis of PFAS in Cloud Water at Sonnblick observatory	Porkert Michaela
12:30-12:45	Lunch	**EAA Board meeting (meeting room)**	Lunch	**EAA Board meeting (meeting room)**	Lunch	**EAA Board meeting (meeting room)**	Lunch	**EAA Board meeting (meeting room)**	Lunch	**EAA Board meeting (meeting room)**
12:45-13:00										
13:00-13:15										
13:15-13:30										
13:30-13:45										
	TU3-1 - WG2: Sources and apportionment of aerosol Chairs: Anastasia Poupkou, Marc Fadel		TU3-2 - WG2: Aerosol-cloud-interaction, ice nucleation and role in climate feedbacks (I) Chairs: Silvia Henning, Silvia Becagli		TU3-3 - WG2: New particle formation (I) Chairs: Federico Bianchi, Alessia Pignatelli		TU3-4 - WG3: Measurement techniques for chemical aerosol characterization (II) Chairs: Patrick Weber, Cristina Colombi		TU3-5 - WG5: Aerosol Evaporation, Filtration, Deposition Chairs: Andrew Fominykh, Bernadette Rosati	
13:45-14:00	220, The impact of vehicular emission in different environments: A comparison of PM10/2.5 and PM10/2.5 OP source apportionment at the urban background, traffic, and train station sites	Dinh Vy Thuy Ngoc	971, Particle size dependence of deposition ice nucleation at different temperatures	Welti André	411, Boundary layer influence enhancing new particle formation at the high-altitude Izaña Atmospheric Observatory (2367 m a.s.l.)	Agro' Myriam	798, Increasing the detection efficiency of nanoparticles and metals using SP-AMS	Mäkinen Ukko-Ville Juhani	957, Development and validation of a simulation tool for modelling the filtration efficiency and charge decay in electret filters	Schumacher Stefan
14:00-14:15	1024, The nation-wide dataset of urban PM10 chemical speciation for Italy: a focus on secondary inorganic compounds	Bove Maria Chiara	891, Terrestrial Sources Enhance Biogenic INP Levels in Coastal Waters and Atmosphere in Western Greenland	Castenschiold Christian	257, Chemical characterization of mineral dust-influenced clustering events at the pristine high-altitude Izaña Atmospheric Observatory (2367 m a.s.l.), Canary Islands	Huang Wei	259, Material property characterization using optical and mass spectrometry of individually trapped particles	Hernandez Landon	502, Evaporation kinetics and dried particle morphology of aqueous aerosol droplet containing nanoparticles	Reid Jonathan P.
14:15-14:30	1073, Comparative analysis of PM2.5 chemical composition at an urban-industrial and rural sites in northern France	Allouche Yamina	740, Terrestrial Runoff as a Source of Ice Nucleating Particles in Arctic Coastal Environments	Schmidt Jennie Spicker	487, Particle Size Distribution and New Particle Formation in the Mediterranean Free Troposphere: Two Decades of Observations at Monte Cimone	Martina Mazzini	602, Development and application of a drone-based sampling platform for chemical characterization of height resolved aerosol particles using chemical ionization mass spectrometry	Håkansson Leo	561, Suspended aerosol versus deposits on disc insulators: linkages among natural sources, variability of particulates composition and flashovers of high-voltage power lines	Pietrodangelo Adriana
14:30-14:45	117, Impacts of Ship Emissions on PM2.5 and Its Spatiotemporal and Meteorological Properties in a Metro-Harbour Area	Tseng Yu-Lun	499, Seasonal Dynamics of Bioaerosols and Ice Nucleating Particles in the High Arctic Atmosphere	Jensen Lasse Z.	906, Tethered Balloon Measurements of Arctic Ultrafine Aerosol Particles During Melting Season 2024	Kellermann Mona Sophia	170, Rapid and Sensitive Chemical Analysis of Individual Picolitre Aerosol Droplets by Mass Spectrometry	Bzdek Bryan Richard	1025, Influence of modelling and numerical parameters on aerosol deposition in bends	Malet Jeanne
14:45-15:00	break		break		break		break		break	
	TU4-1 - WG2: Source apportionment of organics Chairs: Marta Almeida, Nikolaos Michalopoulos		TU4-2 - WG3: Measurement Techniques for the Number Concentration and Size Distribution of Ultrafines Chairs: Miikka Dal Maso, Oliver Bischof		TU4-3 - SS4: Aerosol remote sensing Chairs: Aliki Christodoulou, Onel Rodriguez Navarro		TU4-4 - SS6: Airborne Nano and Microplastics: measurements, observations, pathways and impacts Chairs: Anke Christine Nölscher, Roy Harrison		TU4-5 - WG4: Health-relevant aerosols and their characteristics (II) Chairs: David Broday, Konstantina Vasilatou	
15:00-15:15	250, Apportionment of Consumed VOCs to Quantify Sources of SOA	Hopke Philip K.	304, Use of existing particle number periodic technical inspection (PN-PTI) devices to measure gasoline exhaust	Trivanovic Una	150, Evaluating the Impact of Wildfires in Mexico City with the ECLIPPS	Raga Graciela B.	655, Tracking Microplastics through Time and Space: Variability in Airborne Microplastic Particle Deposition	Younes Myriam	176, Dosimetry simulations of ultrafine particles deposition to the human respiratory tract and transport to the olfactory region	Lazaridis Mihalis
15:15-15:30	449, Organic aerosol sources in Barcelona and Athens, two Mediterranean metropolitan areas	Tronconi Arianna	1119,Concurrent supersaturations of alcohols and water in a Condensation Particle Counter to enhance the detection of naturally charged 1 to 5nm flame-formed carbonaceous aerosols	Lewis Gregory	180, Regional Mapping of Speciated Particulate Matter (PM) with the Multi-Angle Imager for Aerosols (MAIA) Satellite Investigation: Status Update and Preliminary Results from MAIA's Surface PM Monitoring Network	Hasheminassab Sina	446, Size-resolved chemical characterisation of airborne Nano- and Micro-plastics interacting with carbonaceous species in an urban environment	Kaushik Ankush	137, A novel methodology for measuring aerosol inhalation dose in enclosed environments	Cavagnola Marco Alejandro
15:30-15:45	402, Sources and concentrations of aerosol particles and VOC in downtown Munich in Summer and Winter 2023/24	Li Yanxia	923, PN Counting Down to 2.5 nm and up to 10e6 #/cm-3 by Combining Condensational Droplet Magnification with Diffusion Charging	Krasa Helmut	457, On the volume-to-extinction ratio of dust	Papetta Alkistis	245, Applying Particulate Matter Sampling and Detection to Airborne Micro- and Nanoplastics: Plastics Recycling as a Use Case	Höppener Elena Maria	1053, Evaporation dynamics of virus-laden respiratory microdroplets	Leduc Julian
15:45-16:00	1062, Synergistic effects of natural emissions and anthropogenic activities on organic aerosols in South America	Mohr Claudia	855, Sizing Accuracy of DMA Down to 10 nm with Silver Aerosols from the Silver Particle Generator (SPG)	Kazemimanesh Mohsen	902, Chemical composition of long-range transported Saharan dust at the High-Altitude Research Station Jungfraujoch (3580 m a.s.l.) – Effects of transport and source regions	Weng Julian	571, The INAIL BRiC CELLOPHAN project: Characterization of Emissions in Workplaces of Airborne Microplastics and Nanoplastics	Pietrodangelo Adriana	365, Linking Oxidative Potential of the Traffic Emissions with In Vitro Air-Liquid Interface Exposure and In Vivo Transcriptomics	Hakkarainen Henri Ilmari
16:00-16:15	1186, Characterizing the Sources and Long-Range Transport of PAHs, n-Alkanes and sugars at Three Central European Sites: Insights from the TRACE Project	Arora Shubhi	369, Further Characterisation of the Sublimation Particle Counter Concept	Weber Patrick	893, Evaluation of aerosol optical properties using ceilometer, sun-photometer data and synergistic approach by means GRASP algorithm	Muñiz Rosado Jorge	667, Potential impact of microplastics on cloud formation via heterogeneous ice nucleation	Seifried Teresa M.	1014, How is the Oxidative Potential a relevant metric to assess the health impact of air pollution? A laboratory study by smog chamber and preclinical models	Coll Patrice
16:15-16:30	107, Comparative study of organic sources in Lucknow, India: industrial vs. background site from on-site mobile laboratory measurements	Akanksha	871, Evaluation of a CEN-SMPS in Fast Scan Mode for a better UFP detection	Malik Arpit	570, Estimate of the aerosol dry deposition using synergies between remote sensing and in situ observations: a case study	Talianu Camelia	359, Study of airborne microplastics emissions in workplaces	Bianchi Federica	987, Oxidative Stress Generated DNA Damage by 6PPD in Human Lung Epithelial Cells	Hyman Samuel
16:30-16:45	Transfer to Studium 2000		Transfer to Studium 2000		Transfer to Studium 2000		Transfer to Studium 2000		Transfer to Studium 2000	
16:45-17:00	Coffee break		Coffee break		Coffee break		Coffee break		Coffee break	
17:00-17:15	**Group photo**		**Group photo**		**Group photo**		**Group photo**		**Group photo**	
17:15-17:30										
17:30-17:45										
17:45-18:00	Poster session & exhibition talks	**ROXI group meeting**	Poster session & exhibition talks	**ROXI group meeting**	Poster session & exhibition talks	**ROXI group meeting**	Poster session & exhibition talks	**ROXI group meeting**	Poster session & exhibition talks	**ROXI group meeting**
18:00-18:15										
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19:30-20:00			**Young Investigator Network - YIN event**							
20:00-21:00										
21:00-22:00										

	Wednesday Room Tiziano		Wednesday Room Leonardo		Wednesday Room Caravaggio		Wednesday Room Raffaello		Wednesday Room Donatello	
08:30-08:45										
08:45-09:00	**Plenary 3: New aerosol particle formation and growth process in cities with consequences on air quality, human health and climate** **Speaker: Imre Salma** Chairs: Alfred Wiedensohler, Adelaide Dinoi		**Plenary talk will also be shown in Leonardo**							
09:00-09:15										
09:15-09:30										
09:30-09:45										
09:45-10:00	Coffee break		Coffee break		Coffee break		Coffee break		Coffee break	
10:00-10:15	WE1-1 - WG2: BSOA from the field Chairs: Eleni Dovrou, Magdalena Okuljar		WE1-2 - WG4: Air liquid interface approaches to assess particles hazard (I) Chairs: Alexandre Albinet, Pratim Biswas		WE1-3 - WG5: Aerosol transport and data science Chairs: Spyros Pandis, Karam Mansour		WE1-4 - WG1: Aerosol synthesis by spark ablation Chairs: Georgia Kastrinaki, Vinicius Berger		WE1-5 - WG4: Carbonaceous aerosols: sources and impacts (II) Chairs: Peter Molnar, Darrel Baumgardner	
10:15-10:30	106, Impact of Heat Waves on Isoprene and Terpene Concentrations: A case study from National Atmospheric Košetice Observatory	Pacner Jan	352, Toxicological effects of laboratory-generated SOA from the day- and nighttime oxidation of PAHs and phenol on an enhanced alveolar epithelium model exposed at the air-liquid interface (ALI)	Alunni Aurélia	601, A coupled Lagrangian-Equilibrium approach for the simulation of volcanic aerosol plumes	Rigopoulos Stelios	799, Imaging of neutral gold atoms to investigate cluster formation in spark ablation	Krinke Thomas	391, Firefighter exposure to PAHs and BC during prescribed burns and wildfires	Gili Ciurana Jordina
10:30-10:45	983, Changing peatlands: effects on aerosol formation potential	Buchholz Angela	1055, Flavoured electronic cigarette aerosols induce transcriptomic and metabolomic changes to alveolar epithelial cells exposed at the air-liquid interface	Delaval Mathilde Noemie	312, Towards atmospheric compound identification in chemical ionization mass spectrometry with machine learning	Bortolussi Federica	999, Oxidation Mechanism of Co-Ni Nanoparticles Fabricated by Spark Ablation	Pourhossein Mohammad	629, Source apportionment and carcinogenic risk assessment for Polycyclic Aromatic Hydrocarbons (PAHs), and their oxygenated (oxy-PAHs) and nitrated (nitro-PAHs) derivatives, in a city impacted by residential Biomass Burning	Tsiodra Irini
10:45-11:00	890, BIOMASP+: Tackling the biosphere-atmosphere exchanges and their impact on secondary air pollution in an emblematic subtropical megacity - São Paulo, Brazil	Fornaro Adalgiza	238, Exposure to PM oxidative potential and inflammatory biomarkers in vulnerable populations: the ASTHMA-FENOP and PEREX-COPD studies	Fernández-Olmo Ignacio	670, The Role of Hygroscopic Properties in Nitrate Formation and Its Impact on Haze in Seoul	Kim Hwajin	169, Time-resolved analysis of nanoparticle composition from alloyed electrodes	Jönsson Linnéa	569, Air pollution in residential areas: Role of wood-stove exhausts from domestic heating regarding ambient air UFP- and BC-concentrations	Bächler Peter
11:00-11:15	1115, Secondary organic aerosol (SOA) formation from strong isoprene emitter species of Atlantic Forest, Southeastern Brazil, under ozone stress	WU Junteng	839, Inhalable carbon fibres – CF aerosol generation, characterisation and air-liquid interface exposure	Mülhopt Sonja	514, Increasing Impact of Transported Dust to Europe in a Changing Climate	Vasilakos Petros Nikolaou	1181, 3D hybrid nanoantennas with tuneable responses to visible light	Liu Qiling	217, Chamber studies on VOC and fine particle emissions during mopping	Chatoutsidou Sofia Eirini
11:15-11:30	break		break		break		break		break	
	WE2-1 - WG2: BSOA in laboratory Chairs: Thomas Berkemeier, Maria Angelaki		WE2-2 - WG4: Air liquid interface approaches to assess particles hazard (II) Chairs: Mathilde Delaval, Sofia Eirini Chatoutsidou		WE2-3 - SS2+SS3: Fundamental studies of aerosol and contrail formation Chairs: Jose L. Castillo, Georgios Kelesidis		WE2-4 - WG1: Novel methods for aerosol generation Chairs: Thomas Krinke, Linnea Jonsson		WE2-5 - WG4: Bioaerosols and bioallergens Chairs: Ali Nasrabadi; Wisniewska Kinga Areta	
11:30-11:45	146, Mechanistic Study of Photoinduced Transformation in Glyoxal- and Methylglyoxal-Ammonium Solutions: Role of Photosensitization and Photolysis	Gu Junjie	342, Toxicological effect of fresh and aged aerosol modified in an environment simulation chamber in an alveolar model exposed at the air liquid interface	Gualtieri Maurizio	608, Mechanism of particulate matter formation from wood burning stoves related to fuel properties and user operation.	Lea-Langton Amanda Rachel	633, Synthesis of Advanced Materials by Sustainable Aerosol Processes	Biswas Pratim	424, Effects of Atmospheric Particles on Plant Growth Attributes Across Varying Concentrations	Pannu Sombir
11:45-12:00	509, Impact of aqueous-phase reactions and reactive nitrogen on secondary organic aerosol yield and composition from α-pinene ozonolysis	Fu Jinglan	303, Adverse effects of fresh and aged high-power engine emissions on lung tissue models at the Air-Liquid Interface	Di Bucchianico Sebastiano	682, Chemical nucleation of carbonaceous nanoparticles by n-heptane pyrolysis via molecular dynamics simulations	Kelesidis Georgios	1120, Generating Spherical Silver Particles Through Heterogeneous Condensation in a Tandem Silver Particle Generator Setup	Berger Vinicius	300, Plants Interactions with Airborne Pollutants by an Atmospheric Simulation Chamber	Bosio Mattia
12:00-12:15	542, Chamber to Code: Investigating SOA formation from β-caryophyllene	Manavi Stella Eftychia	1040, Assessing Exhaust Gas Exposure in Real Driving Conditions with a Portable Air-Liquid Interface Chamber	Vojtisek-Lom Michal	439, A monodisperse population balance equation model for hetero-aggregate formation in aerosol streams	Karimi Noughabi Amir	1141, Superparamagnetic Nanoparticles for drug delivery by aerosol spray synthesis	Gkagkari Evdokia	695, The influence of simulated thunderstorm conditions on pollen rupturing	Stevanovic Svetlana
12:15-12:30	136, SOA formation from Mediterranean leaf litter	Rocco Manon	929, In vitro aerosol exposure systems for respiratory health monitoring: strategies for optimizing deposition efficacy	Weiß Magdalena	1098, Laboratory study of contrail formation potential from hydrogen combustion emissions	Ortega Colomer Ismael Kenneth	863, Near-field Acoustic Resonance Effects and Cavitation in SAW Aerosol Generation	Roudini Mehrzad	797, A Comparative Analysis of Airborne Bacterial and Fungal Communities in Urban, Rural, and Coastal Environments of Five Central Mediterranean Areas	Fragola Mattia
12:30-12:45	Refreshments	**HAAR meeting (meeting room)**	Refreshments	**HAAR meeting (meeting room)**	Refreshments	**HAAR meeting (meeting room)**	Refreshments	**HAAR meeting (meeting room)**	Refreshments	**HAAR meeting (meeting room)**
12:45-13:00										
13:00-13:15										
	WE3-1 - WG2: Multiphase chemistry Chairs: Anne Monod, Peter Mettke		WE3-2 - SS7: Measurement of non exhaust aerosol (I) Chairs: Yinon Rudich, Chiara Giorio		WE3-3 - WG2: Source apportionment of PM Chairs: Maria Chiara Bove, Franco Lucarelli		WE3-4 - WG1: Applications of aerosol technology in sensors, catalysis and biomedicine Chairs: Manousos Ioannis Manousakas, Francesco di Natale		WE3-5 - WG5: Surface interactions and Optical properties Chairs: Zihui Teng, John Backman	
13:15-13:30	306, Efficient Nitrate Formation in Fog Events Implicates Fog Interstitial Aerosols as Significant Drivers of Atmospheric Chemistry	Xu Wanyun	187, State-of-the-art and challenges of brake wear particle emissions in laboratory testing	Hagino Hiroyuki	607, Year-Long Source Apportionment of PM2.5 in Delhi: Insights from One of the World's Most Polluted Environments	Faisal Mohd	336, Exploring Nanostructured Permalloy Particles Prepared by Aerosol Process for Power Converter component in Electronics	Septiani Eka Lutfi	694, Surface chlorine oxidation on sea salt from Arctic Ocean upon exposure to water vapor	Fauré Nicolas
13:30-13:45	534, Daytime HONO formation from multiphase photochemistry of Fe(III)-carboxylates	Iezzi Lucia	277, Physical and chemical characterization of brake and tyre wear measured on a custom-built combined dynamometer	Jeong Seongho	598, Chemical Composition and Source Attribution of PM10 and PM2.5 in an Urban Arid Region: Natural and Anthropogenic Contributions	Alfarra M. Rami	161, Kinetically trapped CoCu2O3 nanoparticles from combustion-aerosols	Guentner Andreas	1041, Oligomerization reactions on aerosol particle surfaces	Hasan Galib
13:45-14:00	1076, Photochemistry of iron-containing secondary organic aerosol impacted by mixing state during formation	Garner Natasha Michelle	1088, Volatile organic compounds emitted from light-duty vehicle brakes and their role in ultrafine particle formation	Steimer Sarah Sulamith	524, Characterizing aerosol composition, size distribution and optical properties in the Western Italian Alps: insights into pollution sources and transport processes	Favaro Eleonora	991, Carbon-Based Gas Sensors from Recycled E-Waste: A Novel Approach via Electrospray Deposition	Parisi Arianna	631, Quantification of particles generated by explosions in contact with concrete specimen	Costa Delphine
14:00-14:15	765, Catechol transformations in aqueous aerosols: influence of black carbon	Muolo Riccardo	611, Measuring brake dust emissions of a test vehicle under real driving conditions	Weissbuch Maximilian	1167, Chemical-physics PM characterization in Milan: the role of different primary and secondary sources	Colombi Cristina	1117, Discovering and producing alloyed catalysts by aerosol processes	Schmidt-Ott Andreas	617, Detection of Saharan Dust Events by Aerosol Optical Properties and Radiative Forcing at the Helmos Hellenic Atmospheric Aerosol & Climate Change (HAC^2) Station	Granakis Konstantinos
14:15-14:30	693, The kinetic multilayer meta model (KM-MEMO) for multiphase chemistry of aerosols, clouds and beyond	Berkemeier Thomas	416, Chemistry and toxicity of laboratory-generated brake wear PM1-2.5 and PM2.5-10	Saladin Siriel	373, Size-resolved source apportionment of aerosol particles at two contrasting sites in North Africa	Deabji Nabil	663, Spark plasma-based fabrication of flexible, filter-based SERS substrates	Horváth Viktória	681, The first multi-seasonal study of relationships between aerosol optical properties, size distributions, chemical speciation, and cloud condensation nuclei in the southeastern U.S.	Sherman James Patrick
14:30-14:45	114, THE IMPACT OF VEHICLE EMISSION CHARACTERISTICS ON SECONDARY AEROSOL FORMATION: A LABORATORY STUDY USING AN OXIDATION FLOW REACTOR	Sasso Fabio	698, About the Challenges of Tracing Tire Wear Particles in Atmospheric Samples using Organic Marker Components	Noelscher Anke Christine	948, Supervised Regression Models for Aerosol Source Identification: A Scalable Approach for European Sites	Dandocsi Andrei-Valentin	1130, Flame Aerosol Deposition of Functional Nanostructured Films on Surfaces: Advances and Applications	Sotiriou Georgios A.	538, Investigating the Relationships between Biological Composition and Optical/Physical Properties of Atmospheric Aerosols: Insights from the BIO-MASTER Project's Monitoring Campaigns performed at a Central Mediterranean Site	Romano Salvatore
14:45-15:00	break		break		break		break		break	
15:00-15:15			**ACTRIS – AIS meeting open to all community**							
15:15-15:30										
15:30-15:45										
15:45-16:00										
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16:45-17:00			**BC symposium open to all community**							
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17:30-17:45	Social events including city tour with aperitif		Social events including city tour with aperitif		Social events including city tour with aperitif		Social events including city tour with aperitif		Social events including city tour with aperitif	
17:45-18:00										
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	Thursday Room Tiziano		Thursday Room Leonardo		Thursday Room Caravaggio		Thursday Room Raffaello		Thursday Donatello	
08:30-08:45										
08:45-09:00	**Plenary 4: Black carbon, ultrafine particles and health impact- Evidence and research gaps** **Speaker: Ebba Malmqvist** Chairs: Johan Øvrevik, Amanda Rachel Lea-Langton		**Plenary talk will also be shown in Leonardo**							
09:00-09:15										
09:15-09:30										
09:30-09:45										
09:45-10:00	Coffee break		Coffee break		Coffee break		Coffee break		Coffee break	
10:00-10:15										
	TH1-1 - WG2: Physico-chemical aerosol properties Chairs: Sanja Frka, Lorenzo Massimi		TH1-2 - SS2+SS3: Exposure and Toxicity of Emissions from Wildfires, Road Traffic, and Air Transport Chairs: Maurizio Gualtieri, Ismael Kenneth Ortega Colomer		TH1-3 - WG2: Optical properties of different aerosol species Chairs: Asta Gregoric, Henri Diemoz		TH1-4 - WG1: Electrical effects including electrosprays and electric discharges Chairs: Barbara D'Anna, Joan Rosell-Llompart		TH1-5 - WG4: Occupational exposures (I) Chairs: Giulia Simonetti, Zaheer Nasar	
10:15-10:30	149, Exploring the Impact of Pollution Sources on the Oxidative Potential of Fine Aerosols in a Portuguese Urban-Industrial Area	Gamelas Carla	1063, Investigating the Impact of Wildfire Emissions on Air Quality Through Multi-annual Observations	F. de Brito Joel	268, Measurements of absorption and scattering optical properties for aerosol typing: A one-year long study in Milan (Italy)	Vecchi Roberta	947, Bipolar Electrospray for Stable TiO2/Ag Heteroaggregate Synthesis: Enhanced Process Stability and Photocatalytic Characterization through Advanced Submicron Imaging	Borra Jean-Pascal	705, Chemical characterization of construction-related sources of respirable urban road dust and its potential biological effects	Jancsek-Turóczi Beatrix
10:30-10:45	824, Characteristics of Persistent Organic Pollutants and Related Chemicals in Southern Taiwan during Northeast Monsoon Periods	Le Thi-Hieu	806, Toxicity of Transport Emissions: Findings from the PAREMPI Light-Duty Campaign	Cervena Tereza	935, Primary and secondary brown carbon, fossil fuel and biomass burning Heating Rate from a urban to a rural site in the Po Valley	Ferrero Luca	662, Design of electrostatic-assisted, high-throughput atomizers based on Flow Blurring	Modesto-López Luis	168, Personal exposure to ultrafine particles in a welding facility using the Partector 2 Pro: The effect of using a Powered Air Purifying Respirator (PAPR) mask	Molnár Peter
10:45-11:00	267, Charge status of particles generated in a bipolar electrospray aerosol generator	Xue Haiang	265, The ubiquity of Ultrafine particles and Aircraft Lubrication Oil compounds near Zürich Airport	Tinorua Sarah	488, High-resolution measurements of mineral dust light absorption	Isolabella Tommaso	532, A model of ion field emission from electrospray nanodroplets	Loscertales Ignacio G.	944, Tracing Metal Aerosols Across Mining Processes: Near Real-Time Insights for Improved Workplace Air Quality	Meuller Bengt Örjan
11:00-11:15	1185, Printing of aerosol nanoparticles into 3D interconnects at wafer-scale	Yin Yuxiang	288, Reducing the exposure to soot and carcinogenic polycyclic aromatic hydrocarbon emissions from jet fuel combustion by pentanol blending	Moularas Constantinos	1021, Characterizing the absorption and heating rate of BC and Mineral dust across urban and remote Mediterranean sites	Gautam Sangita	1043, Charge neutralization and electrospray control in a soft mist inhaler	Moreira Kelly Schneider	1045, Aerosol emissions and toxicity from upscaled compartment fire-scenarios	Pagels Joakim
11:15-11:30	break		break		break		break		break	
	TH2-1 - WG2: Aerosols and clouds in polar regions (I) Chairs: Michael Lonardi, Stefania Argentini		TH2-2 - WG2: New particle formation (II) Chairs: Mikhail Paramonov, Imre Salma		TH2-3 - WG3: Optical aerosol measurement techniques Chairs: Konstantinos Eleftheriadis, Attila Nagy		TH2-4 - WG5: Biological aerosols Chairs: Julia Burkart, Gozde Isik		TH2-5 - WG4: Occupational exposures (II) Chairs: Sonja Mülhopt; Joakim Pagels	
11:30-11:45	905, Chemical Composition, Mixing State, and Sources of Arctic Aerosols During the ARTofMELT Expedition	Fellin Diego	628, Decoding the Synergistic Effects of Anthropogenic and Biogenic Emissions on New Particle Formation: Insights from CERN CLOUD chamber	Pignatelli Alessia	873, The roadmap to a European standard for aerosol light absorption	Saturno Jorge	724, Relating Respiratory Aerosol Emission Rates, the Exhaled Carbon Dioxide Flux and the Airborne Survival of Pathogens to Assess Transmission Risk in Indoor Environments	Reid Jonathan P.	473, Exposure characterization of milling and road paving with real-time monitors and off-line methods	Hedmer Maria
11:45-12:00	1111, Sea Ice as a Source of Biological Ice Nucleation Particles in the Arctic Atmosphere	Santl-Temkiv Tina	716, Exploring the influence of physical and chemical factors on new particle formation in polluted environments	Kumar Ajit	456, Accessing the Thermophysical Properties of Single Aerosol Particles with Multi-frequency Photothermal Interferometry (nu-PTI)	Stollberger Felix Wolf	809, Evaluating Collection Efficiency of a Membrane-based Sampler for Environmental DNA and Bacillus globigii Spores	Gozde Isik	697, An innovative testing strategy for the toxicity of inhalable nanofibres	Ribalta Carla
12:00-12:15	720, Investigation of Arctic Organic Aerosols and their Marine Precursors	Thomsen Lotte	540, Atmospheric ions and particles in the Indo-Gangetic Plain	Srivastav Gaurav Kumar	840, Assessing Machine Learning model and Transfer Learning for calibration of air quality Low-Cost Sensor Networks	Masmoudi Sahar	468, Aerosolization triggers de novo synthesis of ice nucleating proteins in the plant pathogen Pseudomonas syringae	Wieber Corina	500, Spatially Resolved PM10 Sampling for Comprehensive Workplace Exposure Assessment	Tiraboschi Caterina
	189, Influence of free tropospheric aerosols on the microphysical and radiative properties of a coupled low-level cloud in the central Arctic: a case study from the ARTofMELT expedition	Pohorsky Roman	507, Exploring the Role of Oxygenated Organic Molecules in New Particle Formation Events with Explainable Artificial Intelligence	Bortolussi Federica	357, Aerosol particle size measurement from 0.6 to 100 µm based on light scattering and digital-inline holography	Graf Elias	955, Characterization of Bioaerosols Using Mass Spectrometric Techniques	Ajaj Rawan	1133, Assessment of Personal Exposure to Particulate Matter Among Traffic Policemen in an Industrial City, India	Chakraborty Madhumita
12:30-12:45										
12:45-13:00	Lunch	IARA Board meeting (meeting room)	Lunch	IARA Board meeting (meeting room)	Lunch	IARA Board meeting (meeting room)	Lunch	IARA Board meeting (meeting room)	Lunch	IARA Board meeting (meeting room)
13:00-13:15										
13:15-13:30										
13:30-13:45										
	TH3-1 - WG2: Aerosols and clouds in polar regions (II) Chairs: Nora Bergner, Roman Pohorsky		TH3-2 - WG3: Measurement Techniques for PM from Various Sources Chairs: Kykal Carsten, Ana Kroflic		TH3-3 - WG2: Remote Sensing and Remote Areas Chairs: Francesca Barnaba, Marjan Savadkoohi		TH3-4 - WG4: Integrated (indoor and outdoor) exposure assessment Chairs: Christina Isaxon; Ana Maria Rodriguez Cervantes		TH3-5 - WG2: Physico-chemical properties of atmospheric aerosols (II) Chairs: Jun Zhang; Katja Dzepina	
13:45-14:00	973, Halogen Contributions to New Particle Formation in the Arctic Atmosphere	Engsvang Morten	337, Integrating Remote Sensing and Ground-Based Measurements to Analyze PM Concentrations	Mastromatteo Nicole	432, AOD variability over Rome (Italy) using 21-years (2001-2022) of space (MODIS-MAIAC) and ground-based (AERONET) data	Terenzi Valentina	1017, Assessment of children's integrated exposure to PM, UFP and BC	Lourenço Pimenta Raquel Filipa	311, Reactivity of single aerosols containing Myrtenal: Effects of Humidity	Baltaji Jad
14:00-14:15	472, New particle formation after fog dissipation in Arctic summer	Karl Matthias	755, An innovative approach measuring metal concentrations in airborne particulate matter	Gross Armin	778, Characterization of the Planetary Boundary Layer Height (PBLH) by Active Remote Sensing Techniques over Italian ACTRIS Stations	Ali Zeeshan	565, Characterization of ultrafine particle number concentration and size distribution in the school environment	Katsikari Stavroula	363, Determining the Henry's Law Constant Distribution of Atmospheric Organic Aerosols: A Novel Experimental Approach	Christopoulou Christina
14:15-14:30	241, High-resolution 7Be in PM10 as a tracer of Stratosphere-Troposphere Exchange (STE) events	Biondi Mariassunta	208, Study of traffic-related air pollution using a low-cost sensor network in Toronto, Canada	Wong Yee Ka	768, Atmospheric aerosol typing over Italy from AERONET data	Unga Florin	938, Indoor assessment of the exposure, disability adjusted life years and external economic costs in Italian schools and hospital: results from the Italian Observatory on Indoor Air Quality (OQAI)	Ferrero Luca	790, New spectroscopic methods for non-invasive pH sensing of aerosols	Theodoropoulos Georgios
14:30-14:45	1013, Formation and cloud nuclei ability of secondary organic aerosols from emissions of Arctic macroalgae	Dubois Clément	393, Characterization of an Atmospheric Pressure Interface Time of Flight Mass Spectrometer with a limit of detection in the sub-ppq concentration range with a minute-scale temporal resolution	Schmidt-Ott Fabian	690, Determination of multiple-scattering enhancement parameters for two Aethalometers in the Arctic during two research cruises	Acton-Bond Marcus	264, Effects of climate change on indoor particle pollution: a case study in a residential building in Germany	Zhao, Jiangyue	378, Photochemistry and ozonolysis of aqueous trans-aconitic acid aerosol particles: impact on particle viscosity and hygroscopicity	Antossian Cynthia
14:45-15:00	break		break		break		break		break	
	TH4-1- WG2: Aerosols and clouds in polar regions (III) Chairs: Silvia nava, Yolanda Temel		TH4-2 - SS7: Measurement of non exhaust aerosol (II) Chairs: David Green, Graciela B. Raga		TH4-3 - WG3: Novel Aerosol Instrumentation Chairs: Torsten Tritscher, Volker Ziegler		TH4-4 - WG5: Molecular Modeling of Atmospheric Cluster Formation Chairs: Neil M. Donahue, Antti Mikael Metsämäki		TH4-5 - WG1: Aerosol emissions from gasoline and diesel combustion engines Chairs: Federico Mazzei, Kelly Schneider Moreira	
15:00-15:15	310, Ice nucleating particles in Greenlandic glacial outwash plains	Bergner Nora	207, Contributions of non-tailpipe emissions to ambient particulate matter near a major highway in Toronto, Canada	Wong Yee Ka	975, Self-calibrating aerosol absorption measurements using co-located TDLAS and tunable wavelegth photothermal interferometry	Corbin Joel C.	660, Modelling the Hydration Mechanism of Atmospheric Clusters	Wu Haide	894, Primary and secondary emissions from Euro6 vehicles	D'Anna Barbara
15:15-15:30	802, Extreme air pollution events at high latitudes in 2024: In-situ aerosol measurements in Iceland, Antarctica and Svalbard, including plumes of High Latitude Dust, Saharan Dust, and Black Carbon haze	Dagsson Waldhauserova Pavla	274, Atmospheric tyre and brake wear particle concentrations in The Netherlands	Esveld Johan	519, Aerosol collection with suspended liquid films	Heidari-Koochi Milad	305, Searching for new nucleation chemistry: Exploring reactions of SO3, H2O and atmospheric acids with metadynamics	Daub Christopher David	699, Particle emissions and secondary aerosol formation from Euro 6 natural gas vehicle – comparison to gasoline and diesel vehicles	Simonen Pauli Pekka
15:30-15:45	969, The role of light absorbing aerosol on the atmospheric heating rate in remote areas (Arctic region: Ny-Ålesund	Cerri Sofia	429, Real-Time Source Apportionment on Traffic and Urban background locations	Zografou Olga	714, Enhancing cross-border security through integrated airborne particle collection and micro-structured surface analysis	Schirinzi Gabriella	726, Growth of Atmospheric Freshly Nucleated Particles: A Semi-Empirical Molecular Dynamics Study	Knattrup Yosef	685, Secondary aerosol formation potential of exhaust emitted by light-duty vehicles	Timonen Hilkka
15:45-16:00	527, Properties of Refractory Black Carbon over Northern Greenland During the Canadian Wildfire Season	Baumgardner Darrel	222, Airborne benzothiazoles: key findings on their role as non-exhaust markers	Feltracco Matteo	198, CDMA: Centrifugal Differential Mobility Analyzer – Measurement of two-dimensional particle property distributions	Tappe Daniel	360, Predicting and parameterizing the glass transition temperature of atmospheric organic components via molecular dynamics simulations	Siachouli Panagiota	713, Particle number testing in the periodic technical inspection (PN-PTI) of gasoline vehicles	Melas Anastasios
16:00-16:15	627, Where does black carbon over the Arctic come from? Combined observations and modelling from Island Bely, Mt. Zeppelin, and the MOSAiC expedition	Popovicheva Olga	248, Gaseous and particle emission from brake-wear of a heavy-duty vehicle in real-world driving conditions by on-board measurement	Vishnoi Ashok Singh	1082, Characterization of the Aerosol InfraRed Monitor for autonomous aerosol chemical composition measurements	Baccarini Andrea	722, Geminal diol pathways are key to secondary organic aerosols from aromatic oxidation	Iyer Siddharth	825, Performance of Portable Emissions Measurement Systems (PEMS) in Chassis Dynamometers and On-Road Tests for Vehicle Exhaust Particle Quantification	Kazemimanesh Mohsen
16:15-16:30	734, Particle deposition on snow at two Arctic sites	Donateo Antonio	1068, PM10 and Noise Emissions along a Porous Asphalt – Initial Results	Lundberg Joacim	1078, Exploring MPCIMS with Uronium: A Promising Solution for Comprehensive Gas Phase Analysis in Aerosol Research	Jost H.J.	112, Known and unknown branching points in aerosol-relevant atmospheric oxidation	Kurtén Theo	158, PM emissions from road traffic based on vehicle speed spatiotemporal profiles – A case study for Thessaloniki, Greece	Liora Natalia
16:30-16:45	Transfer to Studium 2000		Transfer to Studium 2000		Transfer to Studium 2000		Transfer to Studium 2000		Transfer to Studium 2000	
16:45-17:00	Coffee break	WG meetings open to all community	Coffee break	WG meetings open to all community	Coffee break	WG meetings open to all community	Coffee break	WG meetings open to all community	Coffee break	WG meetings open to all community
17:00-17:15										
17:15-17:30	Poster session & exhibition talks		Poster session & exhibition talks		Poster session & exhibition talks		Poster session & exhibition talks		Poster session & exhibition talks	
17:30-17:45										
17:45-18:00										
18:00-18:15										
18:15-18:30										
18:30-18:45										
18:45-19:00										
19:00-19:15										
19:15-19:30										
19:30-20:00	Transfer to social dinner		Transfer to social dinner		Transfer to social dinner		Transfer to social dinner		Transfer to social dinner	
20:00-21:00										
21:00-22:00	Social dinner		Social dinner		Social dinner		Social dinner		Social dinner	
22:00-23:00										
23:00-24:00										

	Friday Room Tiziano		Friday Room Leonardo		Friday Room Caravaggio		Friday Room Raffaello		Friday Room Donatello	
08:30-08:45										
08:45-09:00	**Plenary 5: Exotic organic peroxy radicals driving organic aerosol nucleation and growth** **Speaker: Neil M. Donahue** Chairs: Junji Cao, Claudia Mohr		**Plenary talk will also be shown in Leonardo**							
09:00-09:15										
09:15-09:30										
09:30-09:45										
09:45-10:00	Awards		Awards session will also be shown in Room Leonardo							
10:00-10:15										
10:15-10:30	Coffee break		Coffee break		Coffee break		Coffee break		Coffee break	
10:30-10:45										
	FR1-1 - WG2: Characterisation of aerosol and sources Chairs: Hans Moosmüller, Thorsten Hoffmann		FR1-2 - WG3: New Advances in Mass Spectrometry for Aerosols and VOC Chairs: Ermelinda Bloise, Alfred Weber		FR1-3 - SS8: Oxidative potential of aerosol particles and health risks (I) Chairs: Athanasios Nenes; Gaëlle Uzu		FR1-4 - WG2: Chemical characterization of carbonaceous aerosols (I) Chairs: James Donald Allan, Matteo Feltracco		FR1-5 - WG2: Aerosols and clouds in polar regions (IV) Chairs: Pavla Dagsson Waldhauserová, Paola Semeraro	
10:45-11:00	465, Molecular composition and sources of secondary organic aerosol in Sao Paulo, Brazil	Kurdieh Abdul Aziz Mohammad	860, Mobile Measurements of Metals and Trace Elements using a new Microwave-Induced Plasma Time-of-Flight Mass Spectrometer	Slowik Jay G.	520, Latest results on oxidative potential concentrations and drivers in western and more polluted eastern Europe, China and India	Prevot Andre	658, Smoke on the water at Ioannina, Greece: emissions and processing of wood burning products on aerosols	Petrinoli Kalliopi	246, Contribution of free and combined amino acids and nucleobases to the organic matter on Antarctic peninsula aerosol particles and their influencing factors	Breitenstein Christina
11:00-11:15	281, PM10 source apportionment combining aerosol size and light absorption properties from high-time-resolution optical sensors: multi-year analysis, comparison with chemical speciation, and real-time implementation at an urban site in an Italian Alpine valley	Dlémoz Henri	471, High resolution detection of aerosol precursors coupling an offline sampling method with Thermal Desorption Multi-scheme Chemical Ionization inlet Orbitrap mass spectrometry	Ciobanu Mihai	477, Exploring Oxidative Potential of PM Variability for European Regulations	Tassel Cécile	418, Optical and chemical properties of smoke aerosols from peri-urban wildfires in Athens	Mihalopoulos Nikolaos	1054, Study of the mineral dust in the Antarctic plateau: the SIDDARTA projec	Nava Silvia
11:15-11:30	231, Multi-year observations at Irish coastal observatories reveal marine–continental aerosol dynamics and emerging trends	Moschos Vaios	758, Microwave Induced Plasma Time-of-Flight Mass Spectrometer (mipTOF): A New Tool for Real-Time Quantitative Analysis of Metals in Air	Gundlach-Graham Alexander	1016, Oxidative Potential of Mineral Dust: Comparative Analysis of Water-Soluble and Total Fractions Under Various Aging Processes and OP Assays	Molina Carolina	804, Seasonal Cycles and Sources of Water-Soluble Organic Carbon and Nitrogen in Size Segregated Aerosols in Bolu (Türkiye)	Öztürk Fatma	886, Preliminary Findings on Microbial Life in Antarctic Precipitation: Insights into Atmospheric River-Associated Microbes	Thota Sharath Chandra
11:30-11:45	819, Chemical Composition and Sources of Atmospheric Submicron Aerosols at a central site on the Qinghai-Tibet Plateau during Monsoon Period	Huang Shan	761, Bipolar FUSION PTR-TOF Mass Spectrometer: Advantages of Multiple Reagent Ions to Characterize Oxidation and Secondary Organic Aerosol Formation	Leiminger Markus Sebastian	454, A meta-analysis on the short-term effects of PM oxidative potential on mortality	Marsal Anouk	922, Secondary organic aerosol speciation observed in urban and forested sites of the Paris region during the summer 2022	Pereira Diana L.	795, Summertime particle concentrations in coastal Antarctica from aircraft and tethered balloon in situ observations	Lonardi Michael
11:45-12:00	384, Turbulent Fluxes and Sources of Ultrafine Particles in a Mixed Urban Environment	Conte Marianna	1118, A novel ion source for PTR-MS and other chemical ionization schemes	Yatsyna Vasyl	659, Spatial and seasonal variability of the contribution of sources to PM2.5, PM10 and their oxidative potential in different sites in the central Mediterranean	Poti Serena	940, Real-time Molecular Emissions from a Modern Domestic Stove: The Role of Malfunctions and Operating Conditions	Kilic Dogushan	1132, From phytoplankton to clouds – understanding the complex atmospheric processes in the pristine region of the Southern Ocean and Antarctica	Humphries Ruhi S.
12:00-12:15	Refreshments		Refreshments		Refreshments		Refreshments		Refreshments	
12:15-12:30										
12:30-12:45										
	FR2-1 - WG3: Aerosol measurement techniques for novel studies Chairs: Markus Sebastian Leiminger, François Gensdarmes		FR2-2 - WG2: Biomass burning and carbon sources Chairs: Ulrike Dusek, Salvatore Romano		FR2-3 - SS8: Oxidative potential of aerosol particles and health risks (II) Chairs: Pourya Shahpoury; Carolina Molina		FR2-4 - WG2: Chemical characterization of carbonaceous aerosols (II) Chairs: Balint Alfoldy, Martin Gysel-Beer		FR2-5 - WG2: Online-MS Characterization of Atmospheric Aerosols Chairs: Alexander Lucas Vogel, Antonio Pennetta	
12:45-13:00	764, Intercomparison of ELPI against MPSS and APSS on well-defined aerosols	Ondracek Jakub	474, Optimized Source Apportionment Using Total Carbon and Black Carbon Measurements: Integrating Multidimensional BC-Tracer and AAE Models	Rigler Martin	476, KM-SUB-OP: A kinetic model of aerosol oxidative potential	Mishra Ashmi	1139, Combination of multiway data image analysis for improved characterisation of air pollution	Sjöblom Jonas	313, Impact of forest management on biogenic volatile organic compounds emission and secondary organic aerosol formation from a boreal forest	Gong Yiwei
13:00-13:15	235, Real time detection of allergenic airborne microorganisms	Agranovski Igor	577, Seasonal and wildfire biomass burning impact on gas-fuel heated northern European megacity: brown carbon apportionment	Chichaeva Marina	915, Exploring the human health effects of indoor air pollutants using cellular and acellular approaches	Delaval Mathilde	261 Optical Properties and Fluorescent Composition of Soluble Brown Carbon in Urban Areas of East Asia	Hung Yueh-Ling	843, The fate of organic aerosol in the presence of fog in the Italian Po Valley	Gramlich Yvette
13:15-13:30	1113, 3D characterisation of aerosol particles by scanning electron microscopy	Nagy Attila	340, Is fossil fuel combustion still a major contributor to atmospheric aerosol carbonaceous fractions in the Po Valley? Results from a 14C-based source apportionment	Bernardoni Vera	464, An Integrated Multiple Approach to Investigate the Complexity of OP Source Apportionment	Massimi Lorenzo	206 Chemistry of Aged Atmospheric Bioaerosols; Laboratory Research	Samburova Vera	786, Characterization of Secondary Organic Aerosols in an urban forest in São Paulo, Brazil, using CHARON-PTR-ToF-MS	Murana Olatunde Olawale
13:30-13:45	1114, Detection of semi-volatile compounds in nanoparticles using high-purity nebulization, aerosol sample heating, and threshold particle counting	Oberreit Derek	823, Novel Framework for Assessing Regional Wildfires Contributions to Biomass Burning Aerosol Optical Depth	Broda Michalina Anna	549, Role of chemical compositions in oxidative potential of airborne dust in INQUIRE homes from the UK, Slovenia and Sweden	Zherebker Alexander	558 Unraveling Seasonal Trends in PM10 Organic Aerosols Using Nuclear Magnetic Resonance (NMR) Spectroscopy: A Study from Mumbai, India	Sakpal Shweta Chandrashekhar	1020, Molecular Insights into Seasonal Trends in Organic Gases and Particle in a Polluted Megacity: From Anthropogenic to Biogenic emissions	Qi Lu
13:45-14:00	403, Triboeletric charging of aerosol particles	Weber Alfred	620, Chloride Emissions from Post-Harvest Crop Residue Burning in the Indo-Gangetic Plains: Impacts on Ambient Chloride Concentrations in Delhi	Singh Vikram	219, Development of a Portable Electrochemical Sensor for Real-Time Monitoring of Atmospheric Aerosol Oxidative Activity	Cerrato-Alvarez Maria	484 Chemical characterization of long-range transported wildfire aerosol plumes reaching Jungfraujoch (3571 m asl, Switzerland)	Simon Leila	609, Tracking the Aging of Biomass Burning Organic Aerosols: Molecular Insights from Punjab's Stubble Fires and Their Implications for South Asia's Haze	Hao Yufang
14:00-14:15	Conference Closure									
14:15-14:30										