

#	Sub. ID	Name		Title	Session
1	203	Volker	Matthias	Modeling a summertime high ozone episode in an urban environment: Comparison between EPISODE-CityChem and PALM4U	1. Development, application and evaluation of air quality related models for local to global scales
2	123	Yiling	Hu	Evaluating the capability of PALM-SALSA to model non-exhaust emissions in urban street canyons	1. Development, application and evaluation of air quality related models for local to global scales
3	58	Jose	Gonzalez	EVALUATION OF AN OPERATIONAL URBAN STREET-CANYON LEVEL AIR QUALITY MODELLING SYSTÉM	1. Development, application and evaluation of air quality related models for local to global scales
4	128	Ana Sofia	Correia Lopes	Bridging Mesoscale and Urban-Scale Modelling: An Integrated Framework to Assess Green Roof Impacts on Air Quality	1. Development, application and evaluation of air quality related models for local to global scales
5	86	Samira	Karbasi	Identifying Critical Zones: Integrating WRF Meteorology and Emissions in Valencia	1. Development, application and evaluation of air quality related models for local to global scales
6	60	Aytac Perihan	Akan	Addressing the Life Cycle Assessment Gap in MOF-Based Mixed Matrix Membranes for Post-Combustion Carbon Capture	1. Development, application and evaluation of air quality related models for local to global scales
7	4	Marek	Chodorski	A three-dimensional air dispersion model constructed with the Finite Element Method	1. Development, application and evaluation of air quality related models for local to global scales
8	109	Grit	Behrens	Forecasting ground level particulate matter concentrations with the aid of aerosol optical depth satellite data	2. Air quality monitoring and earth observations

9	191	Denisa	Rybová	Trends in the difference in ground-level ozone concentrations between city centers and suburban/rural areas in Central Europe	2. Air quality monitoring and earth observations
10	184	Ahmad Kamruzzaman	Majumder	Spatial Variability of Particulate Matter in Coastal Bangladesh: A Comparative Analysis	2. Air quality monitoring and earth observations
11	147	Joana	Soares	Mapping Urban Ammonia Across European Cities: Results from a Pan-European Campaign	3. Air Pollution Sources and Emissions
12	16	Aleksandras	Chlebnikovas	Transformation of nanoparticle content in a gas stream under the influence of a low-voltage pulsed electric field	3. Air Pollution Sources and Emissions
13	96	wonseok	Go	High-Resolution Spatial Refinement of Industrial VOC Emissions Using Mobile Measurement and Machine Learning for CFD-SAPRC07 Modeling	3. Air Pollution Sources and Emissions
14	158	Peter	Huszar	Can one week old emissions significantly contribute to fine PM pollution over Central Europe?	3. Air Pollution Sources and Emissions
15	190	Lala	Garayeva	Comprehensive Air Quality Monitoring in Indoor Places	3. Air Pollution Sources and Emissions
16	132	Jana	Marková	Comparison of a global isoprene emission inventory with measured fluxes and a satellite-derived dataset	3. Air Pollution Sources and Emissions
17	43	Lasun Tunde	Ogundele	Complementarity of PMF, PCFA and UNMIX receptor models for Source identification and	3. Air Pollution Sources and Emissions

				apportionment using PM2.5 and PM2.5-10 speciated data from steel smelting factory, Ile Ife Osun State, Nigeria.	
18	221	Marta	Segura Roux	Kola Metal Industry Emissions in Transition: Continued Air Quality Improvements in Northern Fennoscandia	3. Air Pollution Sources and Emissions
19	220	Brendah	Nassiwa	Assessing the effect of carbon emissions from Motorbike taxis in the Urban transport system: A Case of Kampala City in Uganda.	3. Air Pollution Sources and Emissions
20	107	Marko	Kaasik	Emissions from peat harvesting, a challenge for regulatory air quality modelling	3. Air Pollution Sources and Emissions
21	37	Ebrahim	Abuhusain	Air Quality Impacts of Hydrogen Sulfide Emissions from Untreated Sewage Wastewater in Tubli Bay: Field Measurements (2009-2011)	3. Air Pollution Sources and Emissions
22	136	Mohammed	Alkhateeb	Understanding the Association between Climate Change and Indoor Air Quality in Olive Oil Mills and Measuring Its Influence on Human Health	3. Air Pollution Sources and Emissions
23	5	Johnson	Egbeje	Air pollution, sources and emissions	3. Air Pollution Sources and Emissions
24	199	Rafael	Nunes	Health impacts and economic burden of shipping emissions in the Iberian Peninsula for 2050	4. Health and Environmental Impacts

25	68	Magdalena Sofia	Anguisola	Urban air VOC risks: which hydrocarbons should be prioritized?	4. Health and Environmental Impacts
26	54	Dimitrios	Melas	High-Resolution Modelling of Cupressaceae Pollen Emissions and Phenology in Thessaloniki, Greece	4. Health and Environmental Impacts
27	85	Matt	Steve Karl	Improving future air quality in Hamburg with different mobility strategies	5. Air Quality Policies and Regulations
28	212	Hyeji	Yang	Emission Reduction and Air Quality Improvement Goals under the 2nd Comprehensive Plan for Fine Dust Management(2025-2029) in South Korea	5. Air Quality Policies and Regulations
29	146	PRIYANSHU	GUPTA	Role of Heatwave Meteorology in Surface Ozone Formation: Insights from WRF-Chem Simulation over India	6. Climate Change and Air Quality Interactions
30	101	Hiten	Chojer	Use of low-cost technologies for indoor PM2.5 management during a severe wildfire event	6. Climate Change and Air Quality Interactions
31	81	Jarkko	Niemi	Hotspots and trends of particle number and black carbon concentrations in the Helsinki metropolitan area	7. Urban Air Quality
32	17	Vitoria	Leão	Impact of Meteorological Variability on Long-Term Fine Particulate Matter (PM2.5) Trends in São Paulo City	7. Urban Air Quality
33	170	Francesco	Rizziero	Validation of PALM turbulence and air quality simulations using wind tunnel model measurements of a Prague traffic hotspot	7. Urban Air Quality
34	59	Dimitrios	Melas	Modeling Framework for Ultra Fine particles at urban scales	7. Urban Air Quality
35	111	Minseo	Choi	Daily Maximum 1-h Ozone Responses to Temporally Reallocated Precursor Emissions under Daylight Saving Time	7. Urban Air Quality

36	178	Rubens	Fabio Pereira	Unraveling Aerosols: Exploring Size, Number, and Particle Formation Events in the City of São Paulo	7. Urban Air Quality
37	57	Emilie	Launay	Continuous Air Quality Monitoring and Vertical Exposure Assessment in Mountain Healthcare Facilities: Insights from the MountAdapt Project	7. Urban Air Quality
38	121	Joana	Bonnen	Intercomparison of reference monitoring, low-cost sensors, and numerical model simulations for air quality in Munich	7. Urban Air Quality
39	83	Jens Peter	Frankemölle	Towards integrated tooling for modelling Dutch air quality at the local scale	7. Urban Air Quality
40	95	Hyeonseo	Lee	Ozone Air Quality Deteriorated by Increases in BVOCs Emissions in the Seoul Metropolitan Area during the Early-Autumn Heatwave	7. Urban Air Quality
41	152	IRADUKUNDA Kevi	Jonathan	Predicted Impact of Electric Vehicle Penetration on Air Quality and Environmental Conditions in Kigali City: A Natural Experiment-Based Modeling Approach	7. Urban Air Quality
42	185	Md. Nasir Ahmmed	Patoary	Trends and Patterns in Air Quality: A Time Series Analysis of AQI and PM _{2.5} in Dhaka City, Bangladesh (2016–2024), a Major South Asian Megacity	7. Urban Air Quality
43	208	Nassima	Oucher	Air pollution measurement in an urban area in Algiers	7. Urban Air Quality
44	42	Kostas	Karatzas	Collaborative development of urban air quality and urban mobility related information services in Thessaloniki, Greece	8. Air Quality Information Services
45	219	Muhammad	Huzaifa	Long-Term Performance Evaluation of Low-Cost PM Sensors Against BAM in a Highly Polluted Urban Environment: A case study of Lahore	8. Air Quality Information Services

46	157	Arthur	Elessa Etuman	A multi-scale modelling framework coupling individual-based emissions, atmospheric chemistry and dynamic exposure for urban air quality applications	S2. Transport emissions and policies
47	24	Giannis	Ioannidis	AI-Driven High-Resolution Air Quality Assessment for Smart Urban Environments	S3. Machine learning /AI supported air quality monitoring and modelling
48	110	Ahmed	Njimongbet	Applying meteorological normalization to assess nitrogen dioxide and ozone trends in Northern Italy	S3. Machine learning /AI supported air quality monitoring and modelling
49	90	Mehri	Davtalab	Unveiling non-linear relationships between urban form and PM2.5 concentration using machine learning	S3. Machine learning /AI supported air quality monitoring and modelling
50	38	Anna	Kaniowska	Using traffic and meteorological data to predict urban air pollution time series with machine learning models.	S3. Machine learning /AI supported air quality monitoring and modelling
51	211	Muhammad Zeeshaan	Shahid	Urban Air Quality Impacts of Aerosol Properties and Planetary Boundary Layer Variability During Biomass Burning Episodes	S4. Emissions from agriculture, e.g. livestock farming, fertilization, precision agriculture. Their impacts on air quality and climate.
52	13	Angelo	Riccio	High-Resolution NO2 Mapping in Naples: Integrating Citizen Science and Machine Learning to Assess Urban Air Quality and Population Health	S6. From Smart Cities to Citizen Scientists: Unveiling the Power of Crowdsourcing Sensor Networks in Air Quality Monitoring
53	124	Arnav	Kapoor	A Framework for High-Resolution Air Quality Monitoring for the Chandigarh Tricity Region	S6. From Smart Cities to Citizen Scientists: Unveiling the Power of Crowdsourcing Sensor Networks in Air Quality Monitoring