

Air Quality 2022 – Posters

Process studies 2

Suzanne Crumeyrolle NEW PARTICLE FORMATION OBSERVED IN THE CLOSE VICINITY OF A FRENCH MEGALOPOLE

Tom Kokkonen URBAN CHARACTERISTICS DEFINING THE SPATIAL VARIATION OF AIR QUALITY IN DOWNTOWN NANJING

Model development and evaluation 2

Ummugulsum Alyuz IMPROVING WRF MODEL PERFORMANCE FOR EUROPEAN COASTAL REGIONS: CONTRIBUTION TO THE H2020 EMERGE PROJECT

Neda Aleksandrov MODEL VERIFICATION OVER FOUR CITIES IN SERBIA USING TAYLOR DIAGRAMS

Low cost sensors 3

Paul Gäbel DEVELOPMENT OF AIR QUALITY BOXES BASED ON LOW-COST SENSOR TECHNOLOGY FOR AMBIENT AIR QUALITY MONITORING

Mar Viana AIR QUALITY MONITORING IN ATHLETICS STADIUMS: CAN LOW-COST SENSOR TECHNOLOGIES SUPPORT GUIDANCE FOR INTERNATIONAL COMPETITIONS

Hiten Chojer REAL WORLD PERFORMANCE OF LOW-COST SENSORS DEVICES FOR INDOOR AIR PARTICULATE MATTER MONITORING

Shipping impacts on air quality 4

Martin Ramacher INLAND SHIPPING EMISSION IMPACTS ON URBAN AIR QUALITY IN WESTERN-EUROPE - CURRENT & FUTURE FLEET EMISSION SCENARIOS BASED ON REAL-WORLD EMISSION FACTORS

Christos Boikos CFD DISPERSION MODELLING OF SHIP EMISSIONS IN THE PORT OF MARSEILLE

Rafael Nunes HEALTH AND ECONOMIC BURDEN OF SHIP-RELATED PM_{2.5} IN PORTUGUESE PORT CITIES

Nikolaos Rapkos IMPACT OF WIND SPEED IN GAS DEPOSITION ON SEA SURFACE FROM SHIPPING

Green mobility 1

Josep Maria Salanova Grau SMART MOBILITY ESTIMATIONS AND INTELLIGENT AQ MONITORING FOR THE SUPPORT OF GREEN MOBILITY

Vehicle technology 2

Zisimos Toumasatos THE ROLE OF DPF REGENERATION EVENTS ON POLLUTANT EMISSIONS OF A EURO 6D-TEMP PASSENGER VEHICLE

Anastasios Kontses PARTICLE EMISSIONS OF A HYBRID AND A CNG VEHICLE: FOCUS ON URBAN ROUTES AND THE COLD-START PHASE

Sources and emissions 5

Henrik Grythe UNVEILING ATMOSPHERIC EMISSIONS FROM CONSTRUCTION SITES

Juanita Rausch CASE STUDY: QUANTIFYING COARSE DUST ABATEMENT MEASURES IMPLEMENTED AT JURA CEMENT FACTORY (SWITZERLAND) USING PASSIVE SAMPLERS

Philipp Schiffmann GHG AND POLLUTANT EMISSIONS MAPPING ON GEOTHERMAL SITES

Xuan Trinh Truong GRANULOMETRY OF TIRE AND ROAD WEAR PARTICLES EMISSIONS ACCORDING TO DIFFERENT ROUTES

Alex Resovsky DEVELOPMENT OF AN AIR POLLUTANT EMISSIONS INVENTORY AND MODELING FRAMEWORK FOR AIR QUALITY CONTROL MEASURES IN LAGOS, NIGERIA

Air quality management and policy 3

Matteo Costa SIMBAD: A SIMPLIFIED MODEL FOR THE EVALUATION OF AIR QUALITY REMEDIATION POLICIES

Michael Norman IMPACT ON THE AIR QUALITY FROM THE LARGE WASTE FIRE IN BOTKYRKA, SWEDEN

Susana Lopez-Aparicio WHEN WOOD BURNING IN SECONDARY HOMES AFFECTS PROXIES FOR HEATING EMISSIONS

Air quality and health 5

Blaise Kelly DETERMINING RISK FROM AIR POLLUTION USING HIGH RESOLUTION MOBILE PHONE AND CONCENTRATION DATA

Elie Al Marj IMPACT OF URBAN AIR QUALITY ON HEALTH STUDIED AT THE LABORATORY: THE POLLURISK PLATFORM

Patrice Coll IMPACT OF URBAN AIR QUALITY ON HEALTH STUDIED AT THE LABORATORY WITH THE POLLURISK PLATFORM: PRELIMINARY RESULTS OF INNOVATIVE STUDIES AT THE LABORATORY

Ioannis Sakellaris SELF-REPORTED HEALTH SYMPTOMS AND OCCUPANTS' COMFORT IN OFFICES AT WESTERN MACEDONIA AREA, GREECE DURING THE PANDEMIC PERIOD Joana V. Barbosa A META-ANALYSIS ON THE ROLE OF EXPOSURE TO FIRE SMOKE ON FIREFIGHTERS LUNG FUNCTION

Joana V. Barbosa A META-ANALYSIS ON THE ROLE OF EXPOSURE TO FIRE SMOKE ON FIREFIGHTERS LUNG FUNCTION

HEPTA 5

26 Marios Mermigkas TOTAL COLUMN AVERAGED MIXING RATIOS OF CO OVER THESSALONIKI, GREECE, USING A PORTABLE EM27/SUN FTIR SPECTROMETER AND TROPOMI OBSERVATIONS: A FIRE EPISODE CASE STUDY DURING SUMMER 2021

28 Panagiotis Gkirmipas ESTIMATION OF UNKNOWN SOURCE PARAMETERS IN URBAN DOMAIN

30 Giannis Ioannides SIMULATION OF POLLUTANT DISPERSION IN AN URBAN ENVIRONMENT

32 Constantin Fuchs SYNTHESIS OF SUSTAINABLE FUELS BY HETEROGENEOUSLY CATALYZED OLIGOMERIZATION OF RENEWABLE C₂-C₄ OLEFINS

34 Sultana Ioannidou "GREEN" HYDROCARBON FUELS PRODUCTION FROM LIGNOCELLULOSIC BIOMASS SUGARS TOWARDS REDUCING CO₂ EMISSIONS