



"AIR PROTECTION 2023"
Mlini, Croatia
20th – 23rd September 2023



PROGRAMME

Tuesday, 19th September 2023

8.30 - 16.30 – EDIAQI meeting

17.00 – 19.00 - EFCA meeting

17.00 – 19.00 - Registration and distribution of the conference materials

Wednesday, 20th September 2023

8.00 - 10.00 - Registration and distribution of the conference materials

9.00 - 10.00 - Opening ceremony

Moderators: Ranka Godec and Gordana Pehnec

10.00 - 10.30 - Introductory lecture on Topic 6: Health impacts of air pollution

Chairmen: Goran Gajski and Marko Gerić

Edoardo Franceschini, Mattia Acito, Tommaso Rondini, Vjola Tussha, Cristina Fatigoni, Milena Villarini, **Massimo Moretti**: EFFECT-BASED TOOLS FOR MONITORING THE TOXICOLOGICAL EFFECTS OF AMBIENT AIR POLLUTANTS

10.30 - 11.00 - Coffee break

11.00 - 12.00 – Topic 6 - Health impacts of air pollution

Chairmen: Goran Gajski and Marko Gerić

1. **Ivana Banić**, Kristina Pavlović, Iva Šunić, Marcel Lipej, Mirjana Turkalj: INDOOR AIR POLLUTION AFFECTS ALLERGIC DISEASE IN CHILDREN
2. **Marko Gerić**, Gordana Pehnec, Katarina Matković, Luka Delić, Jasmina Rinkovec, Ivana Jakovljević, Ranka Godec, Silva Žužul, Ivan Bešlić, Ante Cvitković, Pascal Wild, Irina Guseva Canu, Nancy B. Hopf, Goran Gajski: THE USE OF HISTORICAL DATA TO ASSESS THE CYTOGENETIC EFFECTS OF AIR POLLUTION ON THE HUMAN POPULATION
3. **Martina Štampar**, Sonja Žabkar, Katarina Fras, Tim Ravnjak, Alja Štern, Matjaž Novak, Katja Kološa, Iza Rozman, Tjaša Šentjunc, Bojana Žegura: HEPATIC 3D CELL MODEL - A SENSITIVE APPROACH FOR DETERMINING THE ADVERSE (GENO)TOXIC ACTIVITY OF AIR POLLUTANTS



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- 4. Ivana Hrga**, Anita Vucić, Tatjana Puljak, Barbara Stjepanović, Ana Večenaj, Mirjana Špehar, Željka Cerovac, Vesna Kauzlarić, Lara Fiorido Đurković, Karla Gobo, Nikolina Furlan, Itana Bokan Vucelić, Danijela Peroš-Pucar, Marijana Matijić Cvjetović, Nina Vuletin, Mirna Mamić, Ivana Brnica, Ivan Damjanović, Mirta Eberhard, Marija Mulanović Smolčić, Maja Putarek, Martina Nadih, Iris Bujas, Dragoslav Dragojlović: RAGWEED (AMBROSIA SPP.) POLLEN INFLUENCE ON AIR QUALITY IN CROATIA

12.00 - 12.30 – Topic 7 - Indoor air quality, energy efficiency, and healthy buildings
Chairmen: Pasquale Avino and Silva Žužul

1. Ivan Notardonato, Alessandro Battaglia, Ivano Battaglia, Piergiorgio Cipriano, Giuseppe Ianiri, **Pasquale Avino**: THE FERRARA PILOT IN THE EDIAQI PROJECT: SAMPLING AND ANALYSIS FOR UNDERSTANDING THE INDOOR AIR QUALITY IN RESIDENTIAL LOCATIONS
2. **Eva Anđela Delale**, Dubravka Havaš Auguštin, Iva Šunić, Anja Bošnjaković, Mario Lovrić, Alex Borg, Jon Switters, Jelena Šarac: AWARENESS OF INDOOR AIR POLLUTION IN CROATIAN ADULTS – FIRST RESULTS FROM THE EDIAQI PROJECT

12.30 - 13.00 – Technical and business presentation: Kobis

13.00 - 14.00 – Poster presentation / Lunch break

LIST OF POSTERS BY TOPIC (which will be presented on Wednesday):

Health impacts of air pollution

1. **Goran Gajski**, Marko Gerić, Ivana Banić, Mirta Milić, Vilena Kašuba, Luka Delić, Katarina Matković, Gordana Pehnec, Bojana Žegura, Mirjana Turkalj, Ivana Vrhovac Madunić, Vedran Micek, Davorka Breljak, Mario Lovrić; Work Package 5 of the EDIAQI project: EVIDENCE DRIVEN INDOOR AIR QUALITY IMPROVEMENT (EDIAQI): AN OUTLINE OF TOXICOLOGICAL STUDIES
2. **Ivana Jakovljević**, Zdravka Sever Štrukil, Gordana Pehnec, Marko Gerić, Katarina Matković, Mandica Sanković, Antun Šumanovac, Goran Gajski: AMBIENT AIR POLLUTION AND CARCINOGENIC ACTIVITY AT THREE URBAN LOCATIONS IN CROATIA
3. **Vilena Kašuba**, Katarina Matković, Luka Delić, Andreja Jurič, Ivana Jakovljević, Silvije Davila, Mirta Milić, Gordana Pehnec, Irena Brčić Karačonji, Nancy B. Hopf, Irina Guseva Canu, Goran Gajski, Marko Gerić: EVALUATION OF GENOTOXICITY BIOMARKERS BASED ON THE EXPOSURE TO AIR POLLUTANTS IN COLDER AND WARMER PERIODS IN THE GENERAL POPULATION OF ZAGREB (CROATIA)



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- 4. Matjaž Novak**, Alja Štern, Katja Kološa, Martina Štampar, Sonja Žabkar, Katarina Fras, Tim Ravnjak, Iza Rozman, Goran Gajski, Bojana Žegura: GENOTOXIC ACTIVITY OF TWO POLYCYCLIC, AROMATIC HYDROCARBONS, BENZO[B]FLUORANTHENE AND BENZO[G,H,I]PERYLENE

Indoor air quality, energy efficiency and healthy buildings

- 1. Tea Čvorišćec**, Tomislav Bituh, Dinko Babić, Branko Petrinc: RADON IN THE REPUBLIC OF CROATIA: AN OVERVIEW OF THE CURRENT STATE AND A NEED FOR AN ACCREDITED MEASUREMENT METHOD
- 2. Jesica Fernández-Agüera**, Miguel Ángel Campano, Ignacio Acosta, Juan José Sendra and Samuel Domínguez-Amarillo: INDOOR AIR QUALITY IN NURSERIES: CASE STUDIES IN MEDITERRANEAN CLIMATE
- 3. Marko Marić**, Danijel Grgec, Zdravko Orsag: PHYSICAL, CHEMICAL AND BIOLOGICAL FACTORS AFFECTING INDOOR AIR QUALITY
- 4. Valentino Petrić**, Veronika Žlabravec, **Dorotea Jalušić**, Dejan Strbad: PREDICTING WEEKLY INDOOR AIR QUALITY IN AN OFFICE SPACE USING LOW-COST SENSORS AND ARTIFICIAL INTELLIGENCE
- 5. Ieva Uogintė**, Lina Davulienė, Mira Pöhlker, Mario Lovric, Agnė Minderytė, Kamilė Kandrotaitė, **Steigvilė Byčenkienė**: INVESTIGATION OF MICROPLASTIC CONCENTRATION AND SOURCES IN SCHOOL INDOOR AIR: IMPLICATIONS FOR CHILDREN'S HEALTH
- 6. Silva Žužul**, Zorana Kljaković-Gašpić, Gordana Pehnec, Jasmina Rinkovec, Ivana Jakovljević, Ivan Bešlić, Marinko Pleština, Marijan Sudić, Ekaterina Šprajc, Sandy Lovković, Jasna Jurasović: ANALYSIS OF MICROPLASTIC IN INDOOR AIR WITHIN THE "JAMINNO+" PROJECT

Air quality management

- 1. Patricija Kapš**: INFORMATION SYSTEM FOR DATA DISPLAY AND STATISTICAL PROCESSING OF AIR QUALITY MEASUREMENT DATA
- 2. Mladen Rupčić**, Domagoj Mihajlović, Luka Mrvoš: MODERNIZATION OF THE STATE NETWORK FOR CONTINUOUS, MONITORING OF AIR QUALITY WITHIN THE AIRQ PROJECT

Machine learning and air quality modelling

- 1. David Cemernek**, Alexander Hiebl, **Lorenz Dirry**: KNOW-CENTER DATA PLATFORM: A CENTRAL DATA MANAGEMENT ACCESS POINT FOR EDIAQI



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2. **Michael Forsmann**, Astrid Sevelsted, Morten Rasmussen, Mario Lovrić: A NEW MODEL-BASED INDOOR AIR QUALITY INDEX (IAQI) AND ITS ASSOCIATION WITH CHILDHOOD RESPIRATORY DISEASES
3. **Vesna Gugec** Darijo Brzoja, Velimir Milić, Stipica Šarčević: PRACTICAL EXAMPLE OF USING ADMS 6 DISPERSION MODEL FOR ASSESSING AIR POLLUTION IMPACT FROM THE WASTE INCINERATION PLANT IN ZAGREB, CROATIA
4. **Kristina Pavlović**, Valentino Petrić, Hussain Hussain, Emmanuel Karlo Nyarko, Heimo Gursch, Roman Kern, Mario Lovrić: MACHINE LEARNING MODEL DEGRADATION FOR THE PREDICTION AND FORECASTING OF HOURLY AMBIENT PM₁₀, NO_x AND O₃ POLLUTANT CONCENTRATIONS

Climate and environmental impacts of air pollution

1. Andrea Milinković, Abra Penezić, Valentina Gluščić, Silva Žužul, Ranka Godec, Gordana Pehnec, **Sanja Frka**: ATMOSPHERIC DEPOSITION OF NITROGEN AND PHOSPHORUS TO THE CENTRAL ADRIATIC AREA AND BIOGEOCHEMICAL IMPLICATIONS
2. **Magdalena Vincetić**, Silva Žužul, Jasmina Rinkovec: TOTAL DEPOSITED MATTER AND ITS METAL CONTENT – A COMPARISON OF RESULTS OBTAINED IN RURAL AND URBAN SITES IN CENTRAL CROATIA
3. **Željka Zgorelec**, Gordana Pehnec, Milan Mesić, Aleksandra Perčin, Ivana Šestak, Darija Bilandžija, Marija Galić, Matea Kolman: NITROGEN BALANCE IN AGROECOSYSTEM - CASE STUDY POTOK, CONTINENTAL CROATIA

14.00 - 15.30 – Panel Discussion and Workshop: "A spotlight on indoor air quality - The EDIAQI project"

Chairman: Mario Lovrić

Panelists:

- Francesco Mureddu
- Steigvilė Byčenkienė
- Liina Tõnisson
- Goran Gajski
- Gaetano Settimo

15.30 - 15.45 - Coffee break

15.45 - 16.00 - Technical and business presentation: Smart Sense



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16.00 - 17.00 – Topic 7 - Indoor air quality, energy efficiency, and healthy buildings

Chairmen: Pasquale Avino and Silva Žužul

- 1. Darko Mekterović, Marija Čargonja:** ELEMENTAL ANALYSIS OF PARTICULATE MATTER IN INDOOR WORKING ENVIRONMENTS
- 2. Hrvoje Krapanić:** INDOOR AIR QUALITY IN SCHOOLS IN SLOVAKIA
- 3. Gaetano Settimo, Luciana Indinnimeo, Marco Inglessis, Annalisa di Coste, Marco De Felice, Roberta Morlino, Ivan Notardonato, Pasquale Avino:** THE ROLE OF CO₂, PM AND VOCs IN THE EVALUATION OF INDOOR AIR QUALITY IN SCHOOLS
- 4. Tomislav Bituh, Tea Čvorišćec, Branko Petrinec, Marija Jelena Lovrić:** MEASUREMENTS OF INDOOR RADON CONCENTRATIONS IN DWELLINGS IN THE CITY OF ZAGREB, CRO

Thursday, 21st September 2023

9.00 - 11.00 - EFCA session: "New regime on air protection in Europe"

Chairmen: Andrzej Jagusiewicz and Ranka Godec

- 1. Andrzej Jagusiewicz:** NEW AIR PROTECTION REGIME UNDER THE AIR CONVENTION
- 2. Nadine Allemand, Grégoire Bongrand:** GUIDANCE DOCUMENT ON TECHNICAL MEASURES FOR REDUCTION OF EMISSIONS FROM SHIPPING (CLRTAP)
- 3. Gordana Pehnec:** CURRENT AIR QUALITY LEGISLATION AND NEW WORLD HEALTH ORGANIZATION GUIDELINES – IMPACT ON AIR QUALITY ASSESSMENT IN ZAGREB, CROATIA
- 4. Maria I. Gini, Evangelia Diapouli, Eleftheria Chalvatzaki, Mihalis Lazaridis, Vania Martins, Tiago. Faria, Susana Marta Almeida, Konstantinos Eleftheriadis:** THE EFFECT OF SIZE DISTRIBUTION METRICS OF AEROSOL COMPONENTS ON THE INHALED DEPOSITED DOSE. A CASE STUDY IN URBAN AREAS IN LISBON

11.00 - 11.30 – Coffee break

11.30 - 12.30 – Topic 1 - Air quality management

Chairmen: Gordana Pehnec and Nina Zovko

- 1. Lucia Bustin, Torsten Tritscher, Sebastian H. Schmitt, Juergen Spielvogel, Oliver F. Bischof:** ULTRAFINE PARTICLES (UFP) - RECENT TRENDS AND REGULATORY ACTIVITIES
- 2. Eva Paulusberger, Kristina Pavlović, Heimo Gursch:** STANDARDIZATION OF AIR QUALITY DATA COLLECTION TECHNIQUES



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3. **Božica Šorgić**, Martina Kolovrat, Zrinka Vrčec, Ana Nemet Đurđević: QUALITY OF ACTION PLAN'S MEASURES. HOW TO GET TO CLEANER AIR?
4. **Carmen Galán**, Qasim Farooq, Jose Oteros: MONITORING POLLEN FOR AIR PROTECTION

12.30 - 13.00 – Technical and business presentation: Daikin

13.00 – 14.00 - Poster presentation / Lunch break

LIST OF POSTERS BY TOPIC (which will be presented on Thursday):

Air pollution sources and emissions

1. **Snježana Herceg Romanić**, Gordana Jovanović, Andreja Stojić, Mirjana Perišić: FATE OF POLYCYCLIC AROMATIC HYDROCARBONS IN INDOOR AND OUTDOOR ENVIRONMENT: PREDICTION OF BENZO(A)PYRENE AND BENZO(B)FLUORANTHENE LEVELS
2. **Abra Penezić**, Xinke Wang, Christian George, **Sanja Frka**: PHOTOCHEMISTRY OF MARINE LIPIDS AT THE AIR-WATER INTERFACE: ABIOTIC PRODUCTION OF VOLATILE ORGANIC COMPOUNDS AND NEW PARTICLE FORMATION
3. **Branko Petrinc**, Nora Miljanić, Dinko Babić, Davor Rašeta, Jasminka Senčar: ¹³⁷CS IN THE AIR OF ZAGREB, CROATIA, IN 2022
4. **Nikolina Račić**, Teo Terzić, Anja Bošnjaković, Mario Lovrić, Gordana Pehnec, Ivana Jakovljević, Zdravka Sever Štrukil, Silva Žužul, Jasmina Rinkovec: ANALYZING THE RELATIONSHIP BETWEEN GAS CONSUMPTION AND AIRBORNE POLLUTANTS: CASE STUDY OF ZAGREB, CROATIA
5. **Thomas Reichert**, Ronny Hanich-Spahn, Peter Brantsch: EMISSIONS OF THE AERONAUTICS MANUFACTURING SECTOR BASED ON GLOBAL MARKET DATA AND ITS POTENTIAL DERIVATION

Ambient air pollution monitoring

1. **Nataša Belšak Šel**, Uroš Lešnik: CONTINUOUS 10-YEAR AIR QUALITY MEASUREMENT IN MARIBOR STARTING IN 2013 WITH PMINTER PROJECT
2. **Valentina Gluščić**, Ranka Godec, Martina Šilović Hujjić, Ivan Bešlić, Martin Mihaljević, Gordana Pehnec: SECONDARY AEROSOLS AT AN URBAN BACKGROUND SITE IN NORTHERN COAST OF THE ADRIATIC SEA
3. **Nora Miljanić**, Dinko Babić, Branko Petrinc, Davor Rašeta, Mak Avdić, Jasminka Senčar: MONTHLY ACTIVITY CONCENTRATIONS OF ⁷BE IN THE AIR OF ZAGREB
4. **Nenad Periš**, Angela Stipišić: AIR QUALITY IN THE AREA OF THE CITY PORT OF SPLIT



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5. **Jasmina Rinkovec**, Marija Antolak, Martina Šilović Hujić, Marin Ganjto, Gordana Pehnec: MONITORING OF HYDROGEN SULPHIDE AND MERCAPTANS IN THE AIR IN THE VICINITY OF THE ZAGREB CENTRAL WASTEWATER TREATMENT PLANT
6. **Elena Riva**, Alessio Malcevschi, Annamaria Buschini: TRADESCANTIA ANDERSONIANA: A NEW PLANT SPECIES FOR IN SITU BIOMONITORING OF AIR QUALITY
7. **Zdravka Sever Štrukil**, Ivana Jakovljević, Gordana Pehnec, Ivan Bešlić: LEVELS OF POLYCYCLIC AROMATIC HYDROCARBONS IN URBAN AREAS OF OSIJEK AND RIJEKA
8. **Iva Smoljo**, Gordana Mendaš, Gordana Pehnec, Dragana Mutavdžić Pavlović: TEMPORAL VARIATIONS AND SOURCES OF SEMIVOLATILE ORGANIC COMPOUNDS IN PM₁₀ PARTICLE FRACTION
9. **Suzana Sopčić**, Ranka Godec, Ivan Bešlić, Gordana Pehnec: ANHYDROSUGAR DISTRIBUTION IN DIFFERENT PARTICULATE MATTER FRACTIONS AND THEIR SEASONAL PATTERN
10. **Vedran Vađić**, Predrag Hercog, Bojan Abramović: AIR QUALITY MONITORING AT DUBROVNIK AIRPORT, CROATIA

Developing and testing measuring methods

1. **Dario Dabić**, Goran Purić: QUANTIFYING ENVIRONMENTAL CONTAMINATION: METHOD FOR DETERMINING POLYCYCLIC AROMATIC HYDROCARBONS IN AIR AND PM₁₀/PM_{2.5} PARTICLE MONITORING
2. **Tajana Horvat**, Ivana Jakovljević, Iva Smoljo, Gordana Pehnec, Goran Gajski: DEVELOPMENT AND OPTIMIZATION OF A TD-GC/MS METHOD FOR MEASUREMENT OF VOCs IN INDOOR AIR
3. **Marija Jelena Lovrić**, Silvije Davila, Gordana Pehnec, Goran Gajski, Gianna Karanasiou, Panagiotis Demestichas, AIRWINGS Team: PRELIMINARY COMPARISON OF AIR QUALITY SENSOR MEASUREMENTS WITH DATA FROM REFERENT MONITORING STATIONS – EDIAQI PROJECT
4. **Ivan Pavičić**, Tomislav Meštrović: SAMPLING AND QUALITATIVE DETERMINATION OF ASBESTOS IN SOLID MATERIALS (AIR QUALITY ISO 22262-1:)

14.00 - 16.00 – IUAPPA session: Air quality strategies for liveable cities in a changing climate

Chairman: Selahattin Incecik

1. **Selahattin Incecik**: POTENTIAL IMPACTS ON AIR POLLUTANTS FROM FUTURE REGIONAL CLIMATE PROJECTIONS



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2. **Hanlie Liebenberg-Enslin, Kevin Hicks:** INTEGRATED ASSESSMENT OF AIR POLLUTION AND CLIMATE CHANGE FOR SUSTAINABLE DEVELOPMENT IN AFRICA – TOWARDS "THE AFRICA WE WANT"
3. **Beatriz Cardenas,** Ana Cecilia Perales, Sandra Meneses: BOGOTA, GUADALAJARA METRO AND MONTERREY METRO: TOWARDS INTEGRATING AIR QUALITY AND CLIMATE CHANGE ACTION PLANS
4. **John Murlis:** STRATEGIES FOR URBAN AIR PROTECTION: WHY? WHAT? AND HOW?

16.00 - 16.15 – Coffee break

16.15 - 16.30: Technical and business presentation: Altium International d.o.o.

16.30 - 17.30 - Topic 4 – Machine learning and air quality modelling

Chairmen: Mario Lovrić and Darijo Brzoja

1. **Uroš Lešnik,** Domen Mongus, David Jesenko: PREDICTIVE ANALYTICS OF AMBIENT PM₁₀ CONCENTRATIONS USING GENETIC ALGORITHM
2. Michael Poelzl, **Mario Lovrić,** Roman Kern: FEASIBILITY OF TRANSFER LEARNING FOR THE PREDICTION OF PM₁₀ IN MEASUREMENT NETWORKS
3. **Jurgo Preden,** Veiko Rütter: REAL-TIME & COST-EFFECTIVE INDOOR AIR QUALITY MONITORING AND MANAGEMENT
4. **Velimir Milić,** Vesna Gugec, Stipica Šarčević, Darijo Brzoja: MODELING QUALITY OBJECTIVES - BENCHMARKING

20.00 – Conference dinner

Friday, 22nd September 2023

9.00 - 9.45 – Topic 2: Air pollution sources and emissions

Chairmen: Ivana Jakovljević and Velimir Milić

1. **Anka Ozana Čavlović,** Martina Beuk, Stjepan Pervan, Silvana Prekrat: WOOD BIOMASS EMISSION TRENDS DURING ENERGY PRODUCTION
2. **Zoran Lulić,** Vjekoslav Sraga, Goran Šagi, Petar Ilinčić: DETERMINATION OF EMISSIONS FROM INTERNAL COMBUSTION ENGINES
3. **Vjekoslav Sraga,** Goran Šagi, Petar Ilinčić, Zoran Lulić: EMISSIONS FROM NON-ROAD MOBILE MACHINERY



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9.45 - 11.00 – Topics 3 & 8: Ambient Air pollution monitoring & Climate and Environmental impacts of air pollution

Chairmen: Željka Zgorelec and Branko Petrinec

- 1. Liina Tonisson**, Honey Alas, Leizel Kecorius, Sebastian Düsing, Mira Pöhlker: SEMANTIC WEB APPROACH FOR INDOOR AIR QUALITY: ONTOLOGY DESIGN
- 2. Ranka Godec**, Ivana Jakovljević, Martin Mihaljević, Zdravka Sever Štrukil, Iva Smoljo, Suzana Sopčić, Martina Šilović Hujić, Gordana Pehnec: MASS CONCENTRATIONS OF CARBON POLLUTANTS IN PM₁ AT URBAN BACKGROUND LOCATION
- 3. Anita Vucić**, Tatjana Puljak, Mirna Mamić, Marijana Matijić Cvjetović, Itana Bokan, Nikolina Furlan, Vesna Kauzlarić, Lara Fiorido Đurković, Karla Gobo, Nina Vuletin, Danijela Peroš-Pucar, Ivana Hrga, Božena Mitić: OLIVE POLLEN (*Olea spp.*) DYNAMICS ALONG THE EASTERN ADRIATIC COAST
- 4. Sabina Žero**, Amina Balićevac, Amar Karadža, Jasna Huremović: THE CASE OF SARAJEVO: MOSS, HERBACEOUS PLANTS AND CONIFER NEEDLES AS BIOMONITORS FOR ATMOSPHERIC HEAVY METALS

11.00 – 11.30 - Coffee break

11.30 – 12.00 - Technical and business presentation: Oikon Ltd. – Institute of Applied Ecology

12.00 - 12.30 - Introductory lecture on Topic 5: Developing and testing measuring methods

Chairmen: Silvije Davila and Suzana Sopčić

Martine Van Poppel, Jelle Hofman, Jan Peters, Bart Baeyens, Jo Van Laer, Maarten Spruyt, Borislav Lazarov: AIR QUALITY SENSOR NETWORKS FOR EVIDENCE-BASED POLICY MAKING: GOOD PRACTICES ON CALIBRATION, VALIDATION AND SET-UP

12.30 – 13.15 – Topic 5: Developing and testing measuring methods

Chairmen: Silvije Davila and Suzana Sopčić

- 1. Silvije Davila**, Sinan Yarkin, Michael Gerboles, Annette Borowiak, Friedrich Lagler, Alena Bartonova, Frank Dauge, Philipp Schneider, Martine Van Poppel, Jan Peters, Christina Matheeussen, Marco Signorini: EXPERIENCES IN FIELD CALIBRATION ON SENSOR SYSTEMS WITHIN THE EUROPEAN AIRSENSEUR PROJECT



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2. **Prodromos Fetfatzis**, Konstantinos Eleftheriadis, Konstantinos Granakis, Vasiliki Vasilatou, Panagiotis Karkavitsas, Maria Gini, Stergios Vratolis, Eirini M. Tsilibari, Anastasios D. Adamopoulos, Marck Collado, Silvia Gomez-Montes, Andreas Massling, Katrin Vorkamp, Heidi Salonen, Evangelia Diapouli: TESTING THE EFFICIENCY OF LOW-COST SENSOR SYSTEMS FOR NEAR REAL TIME MONITORING OF AEROSOL AND GASEOUS POLLUTANTS.
3. **Predrag Hercog**, Mario Šantolić, Mario Bilić: QUALITY CONTROL OF DILUTION UNITS FOR DYNAMIC DILUTION IN A CALIBRATION LABORATORY FOR AIR QUALITY

13.15 – 14.00 - Lunch break / Voting for the best poster

14.00 – 15.00. Topics 1 & 8: Air quality management & Climate and environmental impacts of air pollution in Croatia

Chairmen: Jasmina Rinkovec and Vedran Vadić

1.  **Nina Zovko**, Mario Stipetić, Gordan Došen: OVERVIEW OF NEWS IN NATIONAL AIR QUALITY LEGISLATION
2.  **Nirvana Franković Mihelj**, Lucija Juko: CONTRIBUTION OF GREEN INFRASTRUCTURE TO IMPROVING LIVING CONDITIONS IN URBAN AREAS
3.  **Darijo Brzoja**, Jadranka Škevin: EXPANSION AND MODERNIZATION OF THE NATIONAL NETWORK FOR CONTINUOUS AIR QUALITY MONITORING
4.  **Stipica Šarčević**, Velimir Milić, Darijo Brzoja: IMPLEMENTATION OF THE ATMOSYS SYSTEM OVER CROATIA

15.00 - 16.00 –  Round table – Discussion on air quality in Croatia and other topics of the Conference

16.00 – 16.30 - Coffee break

16.30-17.30 – Final conclusions and closing of the Conference

Saturday, 23rd September 2023

8.00-16.00 - Excursion

All presentations will be in English except  - presentation in Croatian