WeBIOPATR 2023

November 28th

19:00	23:00	Welcome dinner	Lorenco & Kakalamba restaurant Cvijićeva 110, Beograd	https://lk.rs/en

November 29th

Start	End				
9:00	9:20	WeBIOPATR2023 cochairs:	Milena Jovašević-Stojanović Alena Bartonova		Opening SESSION
			Vinča Institute Representative		prof dr Snežana Pajovič, Director of Institute Vinča or research prof dr Miroslav Adžić, Ass. Director of Institute Vinča
			University of Belgrade Representative		prof dr Dejan Tanikić, dean of Technical Faculty in Bor prof dr Aleksandar Grbović, Faculty of Mechanical Engineering
			Ministries Representative		
			Italian Embassy in Serbia		Luciano Catani, Scientific Attache
		Chair:	Zoran Ristovski, Dikaia Saraga	SESSION 1:	PM NOVEL AND STANDRAD METRICS
9:20	9:50	key	Andres Alastuey		MEASUREMENT OF NOVEL METRICS FOR AIR QUALITY ASSESSMENT: RI-URBANS PROJECT
9:50	10:20	key online	Lidia Morawska		THE SCIENCE BEHIND INDOOR AIR QUALITY STANDARDS FOR PUBLIC SPACES
10:20	10:40	present	Jasmina Knezevic		AN OVERVIEW OF AMBIENT PARTICULATE MATTER UNDER STATE AND LOCAL MONITORING NETWORKS IN THE REPUBLIC OF SERBIA IN 2022
10:40	11:00	break			
		Chair:	Alena Bartonova, Miloš Davidović	SESSION 2:	LOW-COST SENSORS CALIBRATION
11:00	11:30	key	Saverio de Vito		NEW PERSPECTIVES FOR ACCURATE AND SCALABLE CALIBRATION OF LOW COST AIR QUALITY MULTISENSOR DEVICES.
11:30	11:50	present	Duška Kleut		LEVEL OF AGREEMENT (VARIABILITY) OF PM10 AND PM2.5 DETECTED WITH EQUIVALENT V.S. LOW-COST MONITORS INSTALLED IN FOUR MUNICIPALITIES
11:50	12:10	present	Uzahir Ramadani		THE VIDIS LOW-COST SENSOR NETWORK IN THE CITY OF NOVI SAD
12:10	12:30	online	Ettore Massera		LOW-COST COMMERCIAL SENSORS FOR AIRBORNE PARTICULATE MATTER: A SIMPLIFIED LABORATORY PERFORMANCE EVALUATION
12:30	12:50	online	Franck René Dauge		DEPLOYMENT AND EVALUATION OF NETWORK OF OPEN LOW-COST AIR QUALITY SENSOR SYSTEMS
13:00	14:00	lunch			
		Chair:	Sanja Frka, Bojan Radović	SESSION:	POSTER 1
14:00	14:10	present	Nikola Mišić		HEAT FLUX IMPACT ON LIVE PINUS NIGRA BRANCHES AND CHARACTERIZATION OF GASEOUS EMISSIONS
14:10	14:20	present	Maja Kuzmanoski		THE USE OF AEROSOL LIDAR IN STUDY OF PM10 POLLUTION IN BELGRADE, SERBIA
14:20	14:30	present	Viša Tasić		INDICATIVE MEASUREMENTS OF AIR QUALITY IN THE CITY OF BOR (SERBIA) BY USING LOW-COST SENSORS
14:30	14:40	present	Antonio Del Giudice		MULTISENSORY WEARABLE SENSOR NODE FOR SAFETY APPLICATIONS
14:40	14:50	present	Sonja Dmitrašinović		APPLICATION OF EUROPEAN PM2.5 LAND USE REGRESSION MODEL ON NOVI SAD MUNICIPALITY, SERBIA
14:50	15:00	online	Oskars Kalva		A COUPLED PARTICULATE MATTER (PM10, PM2.5) INDOOR MODEL BASED ON OUTDOOR MEASUREMENTS
15:00	15:10	online	Alexandra Nunes		IMPACT PROJECT OVERVIEW: ROAD TRAFFIC AS A SOURCE OF ATMOSPHERIC MICROPLASTICS
15:10	15:20	online	Carolina Correia		INFLUENCE OF RELATIVE HUMIDITY ON THE PERFORMANCE OF A PM LOW-COST SENSOR
15:20	15:00	present	Aca Božilov		COMPARATIVE ANALYSIS OF MEASUREMENTS OF SUSPENDED PARTICLES IN THE CITY OF NIŠ (SERBIA) DURING THE HEATING SEASON
15:00	15:20	break			
		Chair:	Saverio De Vito, Duška Kleut	SESSION 3:	PM LCS NETWORKS
15:20	15:40	present	Danka Stojanovic		ONE-YEAR DATA EVALUATION OF LOW-COST SENSOR NETWORK FOR ATMOSPHERIC PARTICULATE MATTER MONITORING IN 15 MUNICIPALITIES IN SERBIA
15:40	16:00	present	Miloš Davidovic		COMPARISON OF PM LOW-COST SENSOR NETWORKS: UNICEF PILOT NETWORK SCHOOL IN WESTERN SERBIA V.S.NOVI SAD NETWORK
16:00	16:20	online	Amirhossein Hassani		ENHANCED MONITORING OF RESIDENTIAL WOOD COMBUSTION PM2.5 EMISSIONS IN NORDIC CITIES USING LOW-COST SENSORS
16:20	16:40	online	Carolina Correira		A LOW-COST SOLUTION FOR MOBILE AIR QUALITY MONITORING
16:40	17:00	online	Iveta Steinberga		QUANTITATIVE ASSESSMENT OF PARTICULATE MATTER POLLUTION SOURCES IN DIFFERENT SEASONS
19:00	23:00	Conference dinner	Orašac Restaurant Bulevar Kralja Aleksandra 122	https://www.restoranorasac.com/en/about	

WeBIOPATR 2023

November 30th

Start	End				
		CHAIR:	Milena Jovašević-Stojanović, Eleonora Longhin	**SESSION 4:**	**VIRUSES TRANSMISSION AND PROTECTION**
9:00	**9:40**	keynote	Zoran Ristovski		WHAT IS CRITICAL FOR THE SURVIVAL OF AIRBORNE VIRUSES
9:40	**10:20**	present	Elizabeta Ristanovic		RISKS AND CONSEQUENCES OF COXIELLA BURNETTI AEROSOL TRANSMISSION
10:20	**10:50**	present	Simon Smith		PANDEMIC RESPONSE: A NEW PARTICLE FILTERING RESPIRATOR PERFORMANCE STANDARD FOR CANADA
10:50	**11:10**	present	Ana Cvitesic Kusan		THE SIZE DISTRIBUTION OF SARS-COV-2 GENETIC MATERIAL IN AIRBORNE PARTICLES SAMPLED IN HOSPITAL AND HOME CARE ENVIRONMENTS OCCUPIED BY COVID-19 POSITIVE SUBJECTS
11:10	**11:20**	break			
		CHAIR:	Andres Alastuey, Viša Tasić	**SESSION 5:**	**HEALTH ASPECTS OF ATMOSPHERIC PARTICULATE MATTER I**
11:20	**11:40**	keynote	Alena Bartonova		BETWEEN MAN AND TECHNOLOGY: ADDRESSING IAQ IN NORWEGIAN SCHOOLS
11:40	**12:00**	keynote	Eleonora Longhin		PARTICLES AND CHEMICALS IN OUTDOOR AND INDOOR AIR: IN VITRO TOXICITY AND HEALTH EFFECTS
12:00	**12:20**	online	Cátia Peixoto		PARTICULATE MATTER IN HEALTH CLUBS: IMPACT OF SPORT ACTIVITY
12:20	**12:40**	online	Klara Slezakova		OCCUPATIONAL EXPOSURE TO PARTICULATE MATTER: CASE STUDY OF PORTUGUESE FIREFIGHTERS
12:40	**13:00**	online	B. Barros		SHORT-TERM HEALTH EFFECTS OF WILDFIRE EMISSIONS
13:00	**14:00**	lunch			
14:00	**14:20**	present	Maja Jovanovic		APPLICATION OF DITHIOTHREITOL (DTT) ASSAY – CONSISTENCY OF PROTOCOLS FOR DETERMINATION OF THE OXIDATIVE POTENTIAL OF AMBIENT PARTICLES
		CHAIR:	Simon Smith, Uzahir Ramadani	**SESSION:**	**POSTER II**
14:20	**14:30**	present	Bojan Radović		THE SEPARATION OF ARSENIC SPECIES IN PM SAMPLES BY USING DISPOSABLE CARTRIDGES
14:30	**14:40**	present	Simon Smith		75TH ANNIVERSARY OF THE DONORA AIR POLLUTION INCIDENT WHICH INITIATED CLEAN AIR LEGISLATION IN THE USA
14:40	**14:50**	present	Mirjana Perišić		THE IMPACT OF THE COVID-19 PANDEMIC ON PARTICULATE AIR POLLUTION IN THE REPUBLIC OF SERBIA
14:50	**15:00**	present	Maja Nikolić		ASSOCIATION BETWEEN AIR POLLUTION AND ATOPIC DERMATITIS IN NIŠ, SERBIA
15:00	**15:20**	present	Kristina Radusin		HOW DID THE 2020 COVID-19 LOCKDOWN INFLUENCE PARTICULATE MATTER-BOUND PAH CONCENTRATIONS IN BELGRADE'S ATMOSPHERE?
15:20	**15:40**	on-line	C. Vicente		AN EXPLORATORY STUDY FOR THE IMPLEMENTATION OF THE OXIDATIVE POTENTIAL ASSESSMENT OF PARTICULATE MATTER IN PORTUGAL
15:40	**15:50**	break			
		CHAIR:	Simone Morais, Danka Stojanović	**SESSION 6:**	**INDOOR PARTICULATE MATTER**
15:50	**16:10**	present	Dikaia Saraga		SOURCE APPORTIONMENT OF INDOOR PARTICULATE MATTER: A REVIEW
16:10	**16:30**	present	Marija Zivkovic		SOURCES OF PAHS IN SERBIAN SCHOOLS DURING HEATING SEASON
16:30	**16:50**	online	Vasileios Salamalikis		SPATIOTEMPORAL PATTERNS OF INDOOR AND OUTDOOR PM2.5 IN LEGIONOWO, POLAND
16:50	**17:10**	online	Terje Grøntoft		VENTILATED AND NON-VENTILATED SOURCES OF INDOOR DUST DEPOSITION IN A HISTORICAL HOUSE MUSEUM IN THE PIESKOWA SKAŁA CASTLE IN POLAND
17:10	**17:20**	break			
		CHAIR:	Maja Nikolić, Maja Jovanović	**SESSION 7:**	**HEALTH ASPECTS OF ATMOSPHERIC PARTICULATE MATTER II**
17:20	**17:40**	keynote	Andrej Šoštaric		AIR QUALITY MONITORING IN LOCAL MUNICIPALITIES-LEGAL POINT OF VIEW
17:40	**18:00**	present	Anka Cvetković		INFLUENCE OF PM10/PM2.5 RATIO AIRBORNE PARTICLES ON HEALTH RISK IN BELGRADE

WeBIOPATR 2023

December 1st

Start	End				
		CHAIR:	Renata Kovačević, Marija Živkovič	**SESSION 8:**	**PM SOURCE APPORTIONMENT**
9:00	**9:20**	present	Olivier Tasse		SOURCE APPORTIONMENT OF PM2.5 USING DISPERSION MODEL EITHER RECEPTOR MODEL IN BOSNIA AND HERCEGOVINA DURING WINTERS TIME FROM 2020 TO 2022
9:20	**9:40**	present	Stephen M Platt		SOURCE APPORTIONMENT OF BLACK CARBON IN OSLO AND BELGRADE
9:40	**10:00**	present	Kristina Glojek		COMPARISON OF ONLINE AND OFFLINE PMF SOURCE APPORTIONMENT RESULTS IN A PREALPINE VALLEY WITH TRAFFIC, BIOMASS BURNING AND INDUSTRIAL SOURCES SITE
10:00	**10:20**	present	Dikaia Saraga		PM2.5 SOURCE APPORTIONMENT AT A PORT/INDUSTRIAL AREA OF ATTICA, GREECE
10:20	**10:40**	online	Renata Kovačević		AIR QUALITY IN BOR (SERBIA) DURING THE COPPER SMELTER RECONSTRUCTION PERIOD
10:40	**11:00**	break			
		CHAIR:	Alena Bartonova, Andrej Šoštarić	**SESSION 9:**	**PM RESERAH INFRASTRUCTURE AND PM SOURCES**
11:00	**11:30**	keynote online	Markus Fiebig		AEROSOL, CLOUDS AND TRACE GASES RESEARCH INFRASTRUCTURE – ACTRIS THE EUROPEAN RESEARCH INFRASTRUCTURE SUPPORTING ATMOSPHERIC SCIENCE
11:30	**11:50**	present	Sanja Frka		SOURCES AND PROCESSES AFFECTING LEVELS AND COMPOSITION OF ATMOSPHERIC DEPOSITION TO THE ADRIATIC COASTAL AREAS AND BIOGEOCHEMICAL IMPLICATIONS
11:50	**12:10**	online	Mira Aničić Urošević		MOSS BAG BIOMONITORING OF AIRBORNE ELEMENTS IN URBAN BACKGROUND AMBIENT DURING SAHARAN DUST EPISODES: A PRELIMINARY STUDY
12:10	**12:30**	online	Yiğitalp Kara		ANTALYA-MANAVGAT FOREST FIRES: A WRF-CHEM AND REMOTE SENSING ANALYSIS
12:30	**12:50**	present	Miloš Davidovic		MAPPING PARTICULATE MATTER POLLUTION USING LOW-COST SENSOR NETWORK: NOVI SAD CASE STUDY
13:00	**14:00**	lunch			
		CHAIR:	Kristina Goek, Ivan Lazović	**SESSION 10:**	**SOURCES AND FORMATION OF PARTICULATE MATTER**
14:00	**14:20**	present	Sanja Frka		PHOTOCHEMISTRY OF PHYTOPLANKTON LIPIDS AT THE AIR-WATER INTERFACE AS A SOURCE OF VOLATILE ORGANIC COMPOUNDS INFLUENCING NEW PARTICLE FORMATION
14:20	**14:40**	present	Željko Ćirovic		PRELIMINARY ANALYSIS OF DIURNAL AND SEASONAL VARIATION OF SUBMICRON AMBIENT PARTICLE SIZE DISTRIBUTION IN BELGRADE URBAN AREA
14:40	**15:00**	online	Iustinian Gabriel Bejan		SECONDARY ORGANIC AEROSOL FORMATION FROM CHEMICAL DEGRADATION OF AROMATIC COMPOUNDS IN URBAN ATMOSPHERE
15:00	**15:20**	online	Rok Novak		PARTICULATE MATTER EXPOSURE AND DOSE IN URBAN ENVIRONMENTS: AN AGENT-BASED MODELING APPROACH
15:20	**16:00**	**WeBIOPATR2023 cochairs:**	**Alena Bartonova, Milena Jovašević-Stojanović**		**Closing session**