



# Atmospheric Science Towards New Air Quality Regulation:

## Challenges Beyond Implementation

NATIONAL INSTITUTE OF CHEMISTRY

16/09/2025

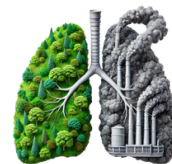
HAJDRIHOVA ULICA 19  
1000 LJUBLJANA

- Our Goal: To Stimulate Discussion & Explore the Need for a Stronger National or Regional Platform
- A Hybrid Seminar Featuring Distinguished Speakers from Across the Region



## Seminar Program

08:00 – 09:00	Registration
09:00 – 09:20	Conference Opening
09:20 – 09:40	Kristijan Vidović – <i>New Particle Formation in Urban Environment: Implication for Air Quality and Atmospheric Processes</i>
09:40 – 10:00	Griša Močnik – <i>Standardization of Black Carbon Measurements: Traceable Calibration of the Reference Method, Mass Absorption Cross-section and Calibration of Filter Photometers</i>
10:00 – 10:20	Petra Dolšak-Lavrić – <i>What Kind of Air Do We Breathe?</i>
10:20 – 10:40	Martin Rigler – <i>Introduction to Carbonaceous Aerosols and Black Carbon</i>
10:40 – 11:00	Coffee Break
11:00 – 11:20	Uroš Lešnik – <i>Longterm Results of UFP Measurements</i>
11:20 – 11:40	Boris Mifka – <i>Role of the Atmospheric Models and Multivariate Methods in the Air Quality Research</i>
11:40 – 12:00	Sabina Žero – <i>Sarajevo Air Quality</i>
12:00 – 12:20	Lucia Bustin – <i>Correlation of Air Quality and Health</i>
12:20 – 12:40	Coffee Break
12:40 – 13:00	Maja Remškar – <i>Measurement of UFP in Ljubljana: CRP Project</i>
13:00 – 13:20	Miloš Davidović – <i>Selected Insights from the Belgrade Automatic Monitoring Supersite Prototype: Nonnegative Matrix Factorization for Source Apportionment, Site-Specific Mass Absorption Coefficients, and the Potential for BC Virtual Sensors</i>
13:20 – 13:40	Regula Muther – <i>Gravimetric Samplers and Their Application in the Future: From PFAS and Microplastics to UFP and Genetic Analysis</i>
13:40 – 15:00	Round Table Discussion
15:00 – 16:00	Lunch



**Airanalysis**  
TECHNOLOGY TOOLBOX

CONTACT YOUR HOSTS



Department of Analytical Chemistry  
kristijan.vidovic@ki.si



info@kobis.hr  
+385 1 6545 742