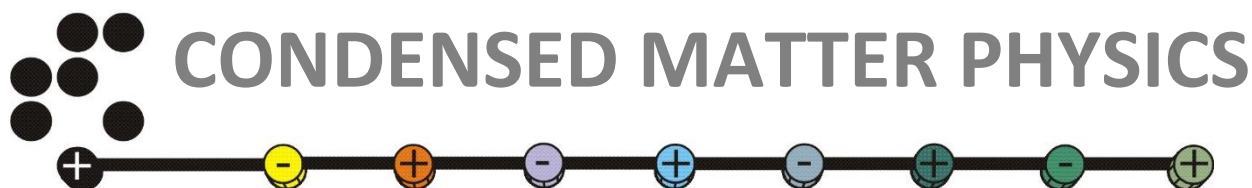


# F-5 SEMINAR



***Thursday, December 8, 2022  
at 10:30 AM***

*in the seminar room of physics (room 106)  
Condensed Matter Physics, Jožef Stefan Institute*

***Miloš Davidović, PhD***

*Vinča Institute of Nuclear Sciences, National Institute of the Republic  
of Serbia, Belgrade, Serbia*

***Towards high resolution particulate matter urban  
mapping - Mobile monitoring in the city of Novi  
Sad during winter and summer 2022***

The lecture will showcase results from the recently completed project: “Spatio-temporal variations of the level of respirable particles in the urban area of Novi Sad - mobile monitoring, modelling and creation of high-resolution maps”. We will begin with introducing motivation and need underpinning the mobile monitoring of particulate matter air pollution. This will be followed by explanation of main principles of instrumentation used for mobile monitoring campaign in the city of Novi Sad. We will conclude with examples of obtained maps of ultrafine particles number concentration, and PM<sub>2.5</sub> mass concentration, and briefly discuss the presented results.

***You are cordially invited to attend.***