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OBAVIJEST

Dana **24.01.2018.** u **13:15 sati** održat će se u sklopu kolegija Geofizički seminar na Geofizičkom odsjeku PMF-a

sljedeće izlaganje:

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Relationship between PM concentration and ozone and weather conditions

ABSTRACT: Air pollution is a complex problem. Europe's most serious pollutants in terms of harm to human health are PM, NO₂ and ground-level O₃. Even though strict limits have been enforced, to protect humans health and ecosystems, a big portion of Europe continued to exceed them.

Airborne particulate matter comprise of primary particles and secondary particles pollutants. The first are emitted directly from sources, while secondary particles are formed in the atmosphere from gaseous emissions.

Previous studies investigated the impact of, weather conditions, traffic, differences in rural and urban background, etc. on air quality and especially on particulate matter concentrations.

Aim of this presentation is to investigate the air quality in Zagreb from 5 July 2014 to 16 September 2014 with respect to observed particulate matter with aerodynamic diameter up to 10 μm (PM₁₀, PM_{2.5} and PM₁) and surface ozone, and to investigate the relationships between pollutants concentrations and weather conditions. Specifically, the relationship between PM and ozone concentrations and the air temperature, relative humidity, wind speed and direction, air pressure and global radiation is analyzed.

Pozivaju se studenti i svi zainteresirani da prisustvuju predavanju, koje će se održati u **predavaoni P2** Geofizičkog odsjeka PMF-a, Horvatovac 95, Zagreb.