



Geofizički odsjek

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O B A V I J E S T

Dana **24.2.2010.** u **13⁰⁰** sati održat će se u okviru seminara i kolokvija na Geofizičkom odsjeku PMF-a sljedeće izlaganje:

Dr. Joan Cuxart

(University of the Balearic Islands - UIB, Majorca, Spain):

Factors generating turbulence in the nocturnal boundary layer

ABSTRACT: A review of the factors that condition the nocturnal boundary layer (NBL) dynamics and how they are presently understood and parameterized is given. After introducing the windy weakly stable boundary layer, the homogeneous strongly stratified boundary layer is described, with special emphasis on the Low-Level Jet characteristics. The relevant surface conditions and processes are addressed through the analysis of the surface budget equation (radiation, vegetation, phase changes). Finally, the heterogeneous NBL is described, treating local and mesoscale variability and baroclinity as well as the effects of complex terrain.

Pozivaju se studenti, apsolventi i svi zainteresirani da prisustvuju predavanju, koje će se održati u predavaoni br. 2 Geofizičkog odsjeka PMF-a, Horvatovac 95, Zagreb. Studentima 2. godine diplomskog sveučilišnog studija fizika - geofizika, kao i doktorskim poslijediplomskim studentima, je prisustvovanje predavanjima u sklopu Geofizičkog seminara obavezno.