



## Geofizički odsjek

Prirodoslovno-matematički fakultet, Sveučilište u Zagrebu

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## O B A V I J E S T

Dana **14.12.2011.** u **13<sup>15</sup>** sati održat će se u okviru seminara i kolokvija na Geofizičkom odsjeku PMF-a sljedeće izlaganje:

### **Dr. sc. Delia Arnold**

*(Institute of Meteorology, Department of Water, Atmosphere and Environment,  
University of Natural Resources and Life Sciences, Vienna;  
Institute of Energy Technology (INTE), Universitat Politècnica de Catalunya,  
Barcelona):*

### **High resolution meteorological and climate modelling at BOKU-Met and applications**

**ABSTRACT:** The complex topographical structure of Austria requires highly resolved numerical simulations to capture regional and local meteorological, air quality, and climatological features. Numerical models as WRF and MM5 are therefore pushed to their limits or beyond. An overview of the BOKU-Met applications of both models in meteorology and climatology, including problems when moving to high resolution modelling (land-use data, model stability, terrain,...), will be given. Additionally, a summary on our usage of meteorological/numerical simulations in air quality, noise, and surveillance (e.g. Fukushima) studies is held.

Pozivaju se studenti, absolventi 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 je prisustvovanje predavanjima u sklopu Geofizičkog seminara obavezno.