



Geofizički odsjek

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O B A V I J E S T

Dana **5.12.2008. (petak!)** u **12⁰⁰** sati će se održati u okviru seminara i kolokvija na Geofizičkom odsjeku PMF-a sljedeće izlaganje:

Dr. Fred Kucharski

(The Abdus Salam International Centre for Theoretical Physics,
Earth System Physics Section, Trst, Italija):

Modelling of selected teleconnections patterns with the ICTP AGCM

ABSTRACT: Atmospheric and oceanic teleconnection patterns provide a robust potential for predictability from time scales of a few days to decades. Thus, the correct modelling of such patterns is a necessary condition for being able to provide reliable forecasts. In this presentation, a selection of prominent atmospheric and oceanic teleconnections is investigated using the ICTP AGCM. In some of the applications the model is coupled to different ocean models in order to assess the role of air-sea interactions and ocean dynamics in particular teleconnections, giving indications of advantages and disadvantages of hindcasts using atmospheric only models. Examples of the teleconnection discussed are the interannual to decadal ENSO-Indian monsoon teleconnection and its decadal changes, Sahel rainfall teleconnections, the tropical Atlantic-Indian monsoon and Indian Ocean SST teleconnection, the tropical Atlantic-ENSO teleconnection, the ENSO-Northeast Brazil rainfall teleconnection and the decadal western tropical Pacific-NAO teleconnection.

Pozivaju se studenti, apsolventi i svi zainteresirani da prisustvuju predavanju, koje će se održati u predavaoni br.2 Geofizičkog odsjeka PMF-a, Horvatovac bb, Zagreb.