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Advanced School on Scaling Laws in Geophysics: Mechanical and Thermal Processes in Geodynamics | (smr 2240)

Friday 03 June 2011

DEEP CONVECTION:

Pressure-dependence of density: non-Boussinesq flow.

Dissipation number, temperature scale height

Isentropes and adiabats.

Energy balance and scaling of dissipation with Rayleigh number.

- Adriatico Guest House Kastler Lecture Hall (14:00-15:00)

time	title	presenter
14:00	DEEP CONVECTION: Pressure-dependence of density: non-Boussinesq flow. Dissipation number, temperature scale height Isentropes and adiabats. Energy balance and scaling of dissipation with Rayleigh number.	S. ZHONG