
SEMINARIO

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Recent advances in the numerical modelling of non-hydrostatic multilayer-moment models

Abstract: A general framework based on the multilayer-moment technique is presented. This approach leads to first-order derivative non-hydrostatic pressure models with arbitrarily high accuracy in the dispersion diagram. Some robust classical numerical schemes are presented, focusing on projection-correction methods that involve solving an incompressibility condition, as well as techniques that relax this constraint.

Sala de Grados I, Facultad de Ciencias
Miércoles 17 de Septiembre de 2025 (17:00)
Organiza: G.I.R. MTANPOEE

