



Universidad de Concepción  
Facultad de Ciencias Físicas y Matemáticas  
Departamento de Geofísica



## Seminario de Geofísica

# “Local Ensemble Transformed Kalman Filter: an application to oceanic modelling”

Oceanógrafo Giovanni A. Ruggiero  
Fundación Universidad Federal de Rio Grande  
Brasil

### ABSTRACT:

The presentation will make some comments on the data assimilation method called LETKF and will present some results obtained applying the method to the Hybrid vertical Coordinate Ocean model (HYCOM). The experiments conducted are idealized cases of the South Atlantic Ocean circulation. Also a comparison of data assimilation with statistical interpolation and with LETKF are presented.

**Viernes 4 de diciembre de 2009**  
**Facultad de Cs. Físicas y Matemáticas**  
**Auditorio Alamiro Robledo, 15:15 horas**  
Consultas: [ydiaz@dgeo.udec.cl](mailto:ydiaz@dgeo.udec.cl)