

Workshop

Nonlinear processes in oceanic and atmospheric flows



Castro Urdiales, Cantabria, Spain, 2-4 July 2008

Invited Speakers

E. Abraham (Dragonfly), M. Dellnitz (U. Padernborn), H. Dijkstra (U. Utrecht), U. Feudel (U. Oldenburg), V. Garçon (CNRS), P. Haynes (U. Cambridge), J. LaCasce (Norwegian Meteorological Inst.), S. Lovejoy (McGill U.), R. Malek Madani (ONR), L. Seuront (CNRS & Flinders U.), A. Vulpiani (U. La Sapienza), D. W. Waugh (Johns Hopkins U.), S. Wiggins (U. Bristol), W. Young (Scripps Inst. Oceanography)

Topics

- Modelling of non-autonomous systems and applications to transport in fluids. Review of recent advances in Lagrangian transport.
- Mixing and transport. Characterization and measurement of mixing, evaluation of transport.
- Oceanographic applications. Advances in non-linear techniques applied to remote-sensing and in-situ data, numerical modelling and operational oceanography in general. Atmospheric applications.

Organizing Committee

Cristóbal López (IFISC, CSIC-UIB). *(Co-chair)*
Ana M Mancho (ICMAT, CSIC). *(Co-chair)*
Antonio Turiel (ICM, CSIC). *(Co-chair)*
Emilio García-Ladona (ICM, CSIC)
Emilio Hernández-García (IFISC, CSIC-UIB)
José A. Jiménez Madrid (ICMAT, CSIC)

Scientific Committee

Emilio García-Ladona (ICM, CSIC)
Emilio Hernández-García (IFISC, CSIC-UIB)
Cristobal López (IFISC, CSIC-UIB)
Ana M Mancho (ICMAT, CSIC)
Antonio Turiel (ICM, CSIC)
Stephen Wiggins (U. Bristol)

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