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J. M. L. M. Palma
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Editors

Advances in Turbulence XI

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This volume comprises the communications presented at the ETC 11, the EUROMECH European Turbulence conference held in 2007 in Porto.

The scientific committee has chosen the contributions out of the following topics

- Acoustics of turbulent flows
- Atmospheric turbulence
- Control of turbulent flows
- Geophysical and astrophysical turbulence
- Instability and transition
- Intermittency and scaling
- Large eddy simulation and related techniques
- MHD turbulence
- Reacting and compressible turbulence
- Transport and mixing
- Turbulence in multiphase and non-Newtonian flows
- Vortex dynamics and structure formation
- Wall bounded flows

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