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High Performance Computing: a tool for the study of turbulence

Friday, 15 December 2017 11:50 (20 minutes)

In this talk I will briefly review the use of HPC for different
fundamental problems in the study of fully developed turbulence.
Recent results on the signature of time irreversibility in the statistics
of turbulent flows, and the role played by numerical simulations
in these investigations, will be discussed in details.

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