TIFR Centre for Interdisciplinary Sciences, Narsingi, Hyderabad 500075

Seminar

Scales and Scaling in convective turbulence

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Homogeneous isotropic turbulence is best known through the keywords "inertial range" and "Kolmogorov". The former has to do with scales and the latter with scaling. Simulations and real experiments have no major issues with either. When it comes to turbulence in a container heated from below (convective turbulence), only one new keyword comes up – the Bolgiano scale. But this is sufficient to lead to undue complications. Our point will be to establish that there is life beyond scaling.

Thursday, Nov 21st 2013

11:30 AM (Tea/Coffee at 11:15 AM)

Seminar Hall, TCIS