



TOR VERGATA
UNIVERSITÀ DEGLI STUDI DI ROMA

Dipartimento di Fisica



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Seminar

Tuesday, 2 July 2024 - h. 14:00

AULA GRASSANO (Department of Physics)

Prof. Alexei A. MAILYBAEV

IMPA, Rio de Janeiro

“Hidden symmetry of passive scalar intermittency”

Abstract

We discuss the hidden scale invariance and its relation to intermittency for a passive scalar driven by a turbulent velocity. This is done for shell models with random self-similar velocities, and for velocities generated by the Sabra model. We also discuss the relation of hidden symmetries with zero modes. This is a joint work with Simon Thalabard and Mikhail Glazkov.

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