



The Abdus Salam
International Centre for Theoretical Physics



**Advanced Workshop on
"Anderson Localization, Nonlinearity and
Turbulence: A Cross-Fertilization"**

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TITLE:

"Ergodic Properties of a Simple Model at the Crossroads between Turbulent Transport and Localization"

ABSTRACT:

I shall discuss techniques that allow to control the long-time behavior of singular diffusions on an example of the stochastic equation that models dispersion of inertial particles suspended in a turbulent flow.