

**THE DYADIC MODEL WITH NOISE: UNIQUENESS,
EXPLOSION AND ANOMALOUS DISSIPATION**

MARCO ROMITO

The talk is a presentation and a review of the dyadic model of turbulence. We shall derive the model from fluid dynamics equations and present its main features: uniqueness, explosion and anomalous dissipation, in dependence of the strength of the interaction, of the presence of a friction and of the input noise.