

Schedule “Uriel85Fest – Around Burgers”

Thursday 8 October: morning session will be “hybrid” by zoom; Link = <https://us06web.zoom.us/j/81595699552?pwd=MW51SkM4S0JsNUVtRm-hzKzc3QXpNUT09>

10:10 – 10:20 : Welcome + *Intro*: Norbert J. **Mauser**

10:20 – 11:00 : Uriel **Frisch**:

Large-scale multifractality for Burgers and Navier-Stokes

11:10 – 11:50 : Takeshi **Matsumoto** (online)

Large-scale multifractality in decaying turbulence in the Sabra shell model

12:00 – 14:45 Lunch break

14:45 – 15:20 : Dario **Vincenzi**

Dissipation regimes in Navier-Stokes turbulence

15:30 – 16:05: Pierre **Germain**

Weak turbulence

16:15 – 17:00 *Discussion*

Friday 9 October

10:10 – 10:45 : Francois **Golse**

A Nonlinear Regularization Mechanism for the Inviscid Burgers Equation

10:50 – 11:10 : coffee

11:10 – 11:45 : Yann **Brenier**

Burgers and gravitation

11:50 – 12:25 : Oliver **Hahn**

Burgers/Adhesion Optimal transport/reconstruction

12:30 – 14:00 : Lunch break

14:00 – 14:35 : Cornelius **Rampf**

Cosmological fluid flow: from singularities to optimized numerical schemes

14:40 – 15:10 : CoffeeTea

15:10 – 15:45 : Rahul **Pandit**

Uncovering finite-time singularities in incompressible 3D magnetohydrodynamics

15:50 – 16:35 : *open Discussion*

18:30: Social dinner

Saturday 10 October

10:10 – 10:45 : Luca **Biferale**

Generative AI vs Uriel: Who Stirs Up More Turbulence?

10:55 – 11:30 : Samriddhi Sankar **Ray**

Dynamical slowdown, bottlenecks, and multiscaling in Voigt-regularised turbulence

11:40 – 12:00: *open Discussion*