



universität
wien

Fakultät für Mathematik

Mathematisches Kolloquium

Mittwoch, 18. Juni 2025

Sky Lounge

EINLADUNG

Elia Bruè

(Universita' Bocconi)

„2D Euler Flows: From Yudovich to Contemporary Advances“

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Abstract:

In 1962, Yudovich established the well-posedness of the two-dimensional incompressible Euler equations within the class of solutions with bounded vorticity. Since then, a central unresolved problem has been the question of uniqueness within the broader class of solutions with L^p -vorticities. Recent years have witnessed significant progress in this investigation. In my colloquium, I aim to provide an overview of these developments and highlight recent results obtained thanks to the convex integration method.

14.45 Uhr: Kaffeejause

15.15 Uhr: Vortrag

vinum cum pane im Anschluss

Daniele Semola
Radu Ioan Boț