

Transport, Mixing and Fluids

5th Applied Mathematics Münster Symposium
February 11–13, 2019, Münster, Germany

Mechanisms of transport and mixing play an essential role in the dynamics of ideal fluids. Their study has immediate impact on the understanding of turbulent incompressible or compressible flows, with real-world applications e.g. in oceanography or atmospheric dynamics.

This workshop will explore transport and mixing phenomena from a broad intradisciplinary perspective, involving PDE techniques, harmonic analysis, optimal transport, stochastic PDEs, numerical simulation, and modelling aspects.

[www.wwu.de/AMM/
transport2019](http://www.wwu.de/AMM/transport2019)

Speakers

Yann Brenier (Paris)
Elisabetta Chiodaroli (Pisa)
Maria Colombo (Lausanne)
Michele Coti Zelati (London)
Gianluca Crippa (Basel)
Eduard Feireisl (Prag)
Thierry Gallay (Grenoble)
Benjamin Gess (Leipzig)
Daniel Karrasch (München)
Christian Klingenberg (Würzburg)
Christophe Lacave (Grenoble)
Stefano Modena (Leipzig)
Siddhartha Mishra (Zürich)
Laura Spinolo (Pavia)
Agnieszka Świerczewska-Gwiazda (Warschau)
Jacques Vanneste (Edinburgh)
Michael Westdickenberg (Aachen)
Ewelina Zatorska (London)

Organizers

Christian Seis (Münster)
Emil Wiedemann (Ulm)