



Oberwolfach Seminar

Phase Transitions and Turbulence including Fluids

Organizers: Mi-Ho Giga, Tokyo
Yoshikazu Giga, Tokyo
Chun Liu, Chicago
Anja Schlömerkemper, Würzburg
Tsuyoshi Yoneda, Tokyo
Date (ID): 19 – 24 October 2025 (2543b)
Deadline: 15 July 2025

How do we model complicated phenomena including fluids like phase transition and turbulence by using differential equations?

How do we analyze such equations which are often challenging?

The weak-long Oberwolfach Seminar will be devoted to such questions. The target audience is PhD students or post-doctoral researchers wishing to be quickly immersed in a modern, active research area.

www.mfo.de/occasion/2543b

The seminar takes place at the Mathematisches Forschungsinstitut Oberwolfach. The Institute covers board and lodging. By the support of the Carl Friedrich von Siemens Foundation travel expenses can be reimbursed up to 150 EUR in average per person (against copies of travel receipts). The number of participants is restricted to 24.

Applications including title, ID and date of the intended seminar, together with **one pdf-file attached** containing

- full name and university/institute address, incl. e-mail address
- short CV and publication list
- present position, university
- name of supervisor of Ph.D. thesis
- a short summary of previous work and interest

should be **sent by e-mail** via seminars@mfo.de until 15 July 2025 to:

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