



Mathematisches
Forschungsinstitut
Oberwolfach

Member of



Oberwolfach Seminar

Operator-Adapted Spaces in Harmonic Analysis and PDEs

Organizers: Pascal Auscher, Orsay
Moritz Egert, Darmstadt
Dorothee Frey, Karlsruhe
Date (ID): 20 – 26 November 2022 (2247b)
Deadline: 4 September 2022

Do solutions to linear PDEs naturally live in classical function spaces measuring integrability and smoothness? Or are there spaces with a richer structure, specifically designed for every equation?

In this week-long “Oberwolfach Seminar 2247b” we will take the second point of view and delve into the theory of operator-adapted Hardy spaces for elliptic and dispersive PDEs. The target audience is PhD students or post-doctoral researchers wishing to be quickly immersed in a modern, active research area. Priority will be given to young, motivated researchers.

Please see the detailed program and a recommended reading list at www.mfo.de/occasion/2247b.

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 25.

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

- full name and 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 4 September 2022 to:

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