



Mathematisches
Forschungsinstitut
Oberwolfach

Member of



Oberwolfach Seminar

Analysis of Automorphic Forms and L-Functions in Higher Rank

Organizers: Farrell Brumley, Paris
Andre Reznikov, Ramat Gan
Paul D. Nelson, Aarhus
Akshay Venkatesh, Princeton
Date (ID): 28 May – 3 June 2023 (2322a)
Deadline: 24 March 2023

The orbit method is a tool for reducing problems in the representation theory of Lie groups to simpler problems in symplectic geometry, invariant theory and linear algebra. We will introduce to young researchers how this tool may be applied to analytic problems in the theory of automorphic forms, highlighting recent progress on the subconvexity problem for L-functions of large degree.

Please see the website of the seminar for detailed information:

www.mfo.de/occasion/2322a

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 24 March 2023 to:

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