Abstract

Oberwolfach Workshop:

Enveloping Algebras and Geometric Representation Theory

Dates:

18 May - 23 May 2025   (Code: 2521)

Organizers:

Ghislain Fourier, Aachen
Iain Gordon, Edinburgh
Michaela Varagnolo, Cergy-Pontoise
Milen Yakimov, Boston

The upcoming meeting will bring together experts in Lie theoretic representation theory to discuss the latest advances across several areas. These include affine Springer Theory, Cluster Algebras, and the relationship between representation theory and topological quantum field theories. We will wander more broadly than these three lands, led by the most recent developments at the time of the meeting, but we will always have an eye on algebra, categories and geometry in everything we discuss.