



## Graduate School Event

# Thesis Defense: Equivariant K-theory of affine Grassmannians in representation theory and arithmetic

**Jakub Löwit (Hausel Group)**

Hausel Group

Host: Krishnendu Chatterjee

We develop and employ techniques from equivariant algebraic K-theory and related invariants in the context of geometric representation theory, in both arithmetic and topological situations. We showcase the use of such techniques on the affine Grassmannian  $Gr$ , a space of fundamental interest in the geometric Langlands program.

**Monday, June 29, 2026 10:00am - 11:00am**

Office Bldg West / Ground floor / Heinzl Seminar Room (I21.EG.101) and Zoom



This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station.

Please find a schedule of the ISTA Shuttle on our webpage:

<https://ista.ac.at/en/campus/how-to-get-here/> The ISTA Shuttle bus is marked ISTA Shuttle (#142) and has the Institute Logo printed on the side.