



## Seminar/Talk

# Asymptotic Hodge theory via WKB-analysis and Donaldson--Thomas theory

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Host: Tamas Hausel

In the first part I will discuss about the Geometric variant of the  $P=W$  conjecture and its relationship to the original cohomological  $P=W$  conjecture. I will also introduce Donaldson--Thomas theory as a framework arising in various problems of Mathematical Physics, and point out its relevance to the aforementioned conjectures in some parabolic cases. In the second part, I will give more detail on some ingredients and parts of the proofs.

**Thursday, October 13, 2022 01:00pm - 03:00pm**

Heinzel Seminar Room (I21.EG.101), Office Building West



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

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