



## Mathematics and CS Seminar

# Low degree Hurwitz stacks in the Grothendieck ring

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Host: Tim Browning

For  $2 \leq d \leq 5$ , we show that the class of the Hurwitz space of smooth degree  $d$ , genus  $g$  covers of  $\mathbb{P}^1$  stabilizes in the Grothendieck ring of stacks as  $g \rightarrow \infty$ . We will survey the connections between this result and related stabilizations occurring in algebraic geometry, number theory, and topology. This is based on joint work with Ravi Vakil and Melanie Matchett Wood.

**Thursday, June 9, 2022 04:00pm - 05:00pm**

<https://mathseminars.org/seminar/AGNTISTA>



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.