



Mathematics and CS Seminar

Counting rational points on cubic hypersurfaces

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Host: Tim Browning

Let $N(X;B)$ be the number of rational points of height at most B on an integral cubic hypersurface X over \mathbb{Q} . It is then a central problem in Diophantine geometry to study the asymptotic behavior of $N(X;B)$ when B grows. We present some recent results on this for various classes of cubic hypersurfaces.

Thursday, March 28, 2019 01:00pm - 03:30pm

IST Austria Campus Big Seminar room Ground floor / Office Bldg West (I21.EG.101)



This invitation is valid as a ticket for the IST Shuttle from and to Heiligenstadt Station. Please find a schedule of the IST Shuttle on our webpage: <https://ist.ac.at/en/campus/how-to-get-here/> The IST Shuttle bus is marked IST Shuttle (#142) and has the Institute Logo printed on the side.