Mathematics and CS Seminar

Specialization of (stable) rationality in families with mild singularities

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Host: Tim Browning

I will present joint work with Evgeny Shinder, where we use Denef and Loesers motivic nearby fiber and a theorem by Larsen and Lunts to prove that stable rationality specializes in families with mild singularities. I will also discuss an improvement of our results by Kontsevich and Tschinkel, who defined a birational version of the motivic nearby fiber to prove specialization of rationality.

Thursday, May 2, 2019 01:30pm - 03:30pm
Big Seminar room Ground floor / Office Bldg West (I21.EG.101)