

MATEMATISKA INSTITUTIONEN
STOCKHOLMS UNIVERSITET
Avd. Matematik

SJÄLVSTÄNDIGT ARBETE I MATEMATIK

Torsdagen den 13 juni kl. 10.00–11.00 presenterar Magnus Carlsson sitt arbete “The étale homotopy type and Diophantine equations ” (30 högskolepoäng, avancerad nivå).

Handledare: Rikard Bøgvad

Plats: Sal 32, hus 5, Kräftriket

Sammanfattning: In 2010 Harpaz-Schlank showed that one can understand the Brauer-Manin obstruction and other obstruction theories for diophantine equations in a conceptual, unified way, through certain homotopy obstructions. We will in this talk give a brief introduction to these ideas, sketch how to calculate these obstructions and pose some open questions and how they might be resolved.

Alla intresserade är välkomna!