



SCMS Seminar

GEOMETRIC PRESENTATIONS AND TORSORS OVER AFFINE LINES

Speaker: Ning Guo
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Time: Friday, November 21th; 16:00-17:00

Venue: Room 102, SCMS

Abstract:

Geometric presentations are an effective method for simplifying cohomological problems by reducing their relative dimension. This talk will trace the history of this technique, from Artin's "bon voisinage" to its modern applications. We will particularly focus on its relevance to the Grothendieck–Serre conjecture for reductive torsors over regular local rings. In this context, the talk will also review recent advances in the analysis of torsors over affine and projective lines.