

Séminaire d'Algèbre, Topologie et Géométrie
Jeudi 20 mai à 13h40
Salle II

Jon Pridham

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Title : *Mixed Hodge structures on homotopy groups
and relative completions of fundamental groups.*

Abstract : Relative completions of fundamental groups classify local systems, and can be used to recover deformation spaces of representations. For smooth projective varieties, I will show how they carry MHS, and how these MHS extend to higher homotopy groups.