SEMPARIS – Séminaires en région parisienne

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TBA

Jeudi 28 Septembre 2023, 11 :00
IHES, Amphithéâtre Léon Mochane
Domaines : math

Titre : *Perverse Filtration via the Brylinski-Radon Transformation*

Orateur : **Shuddhodan Kadattur Vasudevan (IHES)**

Résumé : *In 2010, de Cataldo-Miglorini used generic flags to compute the perverse filtration on the cohomology of an affine variety with values in a constructible sheaf. In this talk, I shall introduce the Brylinski-Radon transformation, discuss its properties and derive consequences for the perverse filtration. We shall also discuss some arithmetic applications of our results. This is joint work with Ankit Rai.*
