SEMPARIS – Séminaires en région parisienne

`http ://string.lpthe.jussieu.fr/semparis/`

TBA

Jeudi 19 Septembre 2024, 11 :00
IHES, Amphithéâtre Léon Motchane
Domaines : math

Titre : *On Relative Singular Support in Mixed Characteristic*

Orateur : **Takeshi Saito (Université de Tokyo et IHES)**

Résumé : *The notion of micro support in mixed characteristic is formulated using the Frobenius–Witt cotangent bundle but the existence of the singular support is not yet known. We introduce a relative notion of micro support over a fixed regular scheme S and prove the existence of a saturation of the relative singular support on smooth schemes over S. The proof is a variation of that by Beilinson using the Radon transform.*
