

# SEMPARIS – Séminaires en région parisienne

<http://string.lpthe.jussieu.fr/semparis/>

**TBA**

**Mercredi 20 Novembre 2019, 10 :00**

IHES, Centre de conférences Marilyn et James Simons( Séminaire de Géométrie  
Arithmétique Paris-Pékin-Tokyo )

Domaines : math

Titre : *Algebraic Versus Topological Entropy for Surfaces over Finite Fields*

Orateur : **Vasudevan Srinivas ( Tata Institute of Fundamental Research )**

Résumé : *For an automorphism of an algebraic variety, we consider some properties of eigenvalues of the induced linear transformation on  $l$ -adic cohomology, motivated by some results from complex dynamics, related to the notion of entropy. This is a report on joint work with Hélène Esnault, and some subsequent work of K. Shuddhodan.*

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