



Du
27
JUN.
2018

14h00
-
15h30

RÉGA

Chengyan Xu "K-stability of Fano varieties" 14h-15h30

Jussieu
Salle 15-16 413

INSCRIPTION

Chengyan Xu (Beijing International Center of Mathematics Research)

K-stability of Fano varieties

K-stability and its variants are notions invented by differential geometers, who used it to characterize the existence of Kahler-Einstein metric on a Fano variety. However, it inspires surprisingly amount of interesting algebraic geometry problems, and provides us a new way to look deeply into the geometry of Fano varieties. In the last three years, using the valuations over a variety, there has been a remarkable progress on the study of K-stability. I will survey the subject and mention (many) unknown questions.

URL of the page: <https://www.ihp.fr/fr/agenda/chengyan-xu-k-stability-fano-varieties-14h-15h30>



INSTITUT HENRI POINCARÉ - UAR839

Sorbonne Université / CNRS
11 rue Pierre et Marie Curie
75231 Paris Cedex 05

HORAIRES

L'institut :

- lundi au vendredi de 8h30 à 18h,
- fermé les jours fériés.

Le musée - Maison Poincaré :

- lundi, mardi, jeudi et vendredi de 9h30 à 17h30,
- samedi de 10h à 18h,
- fermé le mercredi et le dimanche.