



Du
14
OCT.
2016

14h00
-
15h30

RÉGA

Bruno Klingler "Bi-algebraic geometry and some diophantine problems"

IHP
Salle 314

Bruno Klingler (Université Paris VII)
Bi-algebraic geometry and some diophantine problems

Bi-algebraic geometry is a simple geometric format encoding functional and arithmetical transcendence statements. In this talk, I will describe this format and its applications to two classical diophantine problems : the Manin-Mumford conjecture on the distribution of torsion points on Abelian varieties, and the André-Oort conjecture on the distribution of CM-points on Shimura varieties.

URL of the page: https://www.ihp.fr/fr/agenda/bruno-klingler-bi-algebraic-geometry-an-some-diophantine-problems&is_pdf=true



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