



Du
13
OCT.
2021

15h30
-
17h00

RÉGA

Guido Bosco - 15h30 - p-adic Hodge theory and the p-adic Langlands program.

IHP
Salle 201

INSCRIPTION

Motivated by dreams of finding a geometric incarnation of the p-adic Langlands correspondence in the cohomology of local Shimura varieties, in recent years, there has been an increasing interest in the p-adic Hodge theory of rigid-analytic varieties that are not necessarily proper (e.g. Stein). In this talk, I will give an introduction to this subject, and I will survey recent advances made by Colmez, Dospinescu, and Nizioł. In particular, I will report on a comparison theorem describing the geometric p-adic pro-étale cohomology in terms of de Rham data. If time permits, I will explain how, thanks to the Condensed Mathematics developed by Clausen and Scholze, one can prove such comparison also in cases where the relevant cohomology groups are otherwise pathological as topological vector spaces.

URL of the page: <https://www.ihp.fr/fr/agenda/guido-bosco-15h30-p-adic-hodge-theory-and-p-adic-langlands-program>



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.