Du
08
MARS.
2023

15h45
-
17h00

RÉGA

Emanuel Reinecke - 15h45 - The crystalline comparison theorem via the prismatic site.

Salle Grisvard, IHP, Paris

INSCRIPTION

Given a smooth proper scheme over a p-adic ring of integers, the ́etale cohomology of the generic fiber can be related to the crystalline cohomology of the special fiber. In my talk, I will review this connection and some of the necessary background. Then I will present a new perspective involving the prismatic site, which lets us compare the two cohomology theories with general coefficients, in the relative setting, and allowing ramified base rings. Joint work with Haoyang Guo.



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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.