ID de Contribution: **4**   Type: **Non spécifié**

Integral Points and Affineness in Arakelov Geometry

lundi 8 septembre 2025 11:15 (1 heure)

I will describe results old and new regarding finiteness and infiniteness of integral points on arithmetic schemes, subject to analytic conditions. I will explain how the language of A-schemes and the use of theta-invariants, as developed in joint work with Bost, provides a geometric framework for this kind of questions, and how it relates to notions of affineness in Arakelov geometry.

Orateur: CHARLES, François (ENS Paris)

Classification de Session: Morning Chair: Hélène Esnault