

A Tribute to Emmanuel's Contributions to the Zilber–Pink Conjecture

mardi 9 septembre 2025 16:45 (1 heure)

We will survey several of Emmanuel's influential results over the past two decades concerning the André–Oort conjecture and the broader Zilber–Pink conjecture. Beginning with the framework of Shimura varieties, we will gradually transition toward more general settings involving arbitrary variations of Hodge structures. This shift marks a movement from the arithmetic study of CM points to a more geometric perspective. We will highlight some of the consequences of this viewpoint, including results obtained through various collaborations with Emmanuel in the past five years.

Orateur: BALDI, Gregorio (IHES)

Classification de Session: Afternoon Chair: Pascal Autissier