

Exposé plénier

6 *Higher Hida theory for the moduli space of abelian varieties*

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In the 70's, Kempf used local cohomology and the Grothendieck-Cousin complex to understand the cohomology of flag varieties. We are able to use similar techniques to describe the ordinary part of the cohomology of the moduli space of abelian varieties. We will try to present some of the ideas as well as some arithmetic applications.