

# Séminaire de théorie des nombres

Le 29 mai 2017 à 14h (PRG)

## Diophantine Problems and the p-adic Torelli Map

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**Résumé :** We explore the comparison isomorphism of p-adic Hodge theory in the case of elliptic curves, and discuss some ideas which may be used to prove the S-unit theorem and the finiteness of rational points on higher-genus curves (Faltings' theorem).