

BOSTON UNIVERSITY NUMBER THEORY SEMINAR

Diophantine Problems and a p -adic Period Map

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Monday, March 12 at 4:15 pm
111 Cummington Mall, MCS B21
Tea and cookies in MCS 144 at 4:00 pm

Abstract: We discuss a proof of the S -unit theorem and Faltings' theorem (finiteness of rational points on higher-genus curves) using p -adic Hodge theory and a p -adic period map.