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UBC Number Theory Seminar: February 9, 2022

Speaker: Matilde Lalin (Universite de Montreal)

Title: On the Northcott property of L-functions over function fields

Abstract: The Northcott property implies that a set of algebraic numbers with bounded height and bounded degree must be finite. Pazuki and Pengo introduced a variant of the Northcott property for number fields using special values of the Dedekind zeta function to measure the height. We consider this question for global function fields with constant fields $\mathbb{F}_q$. This is joint work with Xavier Genereux and Wanlin Li.