

Speaker: Santiago Arango-Piñeros (Emory University)

Title: Counting 5-isogenies of elliptic curves over the rationals

Abstract: We study the asymptotic order of growth of the number of 5-isogenies of elliptic curves over the rationals, with bounded naive height. This is forthcoming work in collaboration with Changho Han, Oana Padurariu, and Sun Woo Park.