Counting Square Discriminants

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Monday, January 27 at 4:15 pm
111 Cummington Mall, MCS B21
Tea and cookies in MCS 144 at 3:45 pm

Abstract: I will describe a recent result in which we count the number of binary quadratic forms of fixed discriminant and with bounded coefficients. Our methods involve shifted convolution sums of Fourier coefficients of an automorphic form.