

Seminar/Talk

The Katok-Sarnak formula over number fields and applications to equidistribution

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Abstract:The Katok-Sarnak formula relates Heegner periods of Maass forms to Fourier coefficients of half-integral weight Maass forms. It refines a relation arising from theta lifting that played a central role in Duke's proof of the equidistribution of Heegner points. In this talk, I will discuss ongoing work extending this formula to general number fields, together with applications to equidistribution problems involving Heegner periods.

Wednesday, November 25, 2026 01:00pm - 02:00pm
Mondi 2, Central Building

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