

Philadelphia Area Number Theory Seminar

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Heuristics for anti-cyclotomic \mathbb{Z}_p -extensions

Abstract: For an imaginary quadratic field, there are two natural \mathbb{Z}_p -extensions, the cyclotomic and the anticyclotomic. We'll start with a brief description of Iwasawa theory for the cyclotomic extensions, and then describe some computations for anticyclotomic \mathbb{Z}_p extensions, especially the fields and their class numbers. This is joint work with LC Washington.

Tuesday, November 1, 2022
3–5 PM

Bryn Mawr College
Department of Mathematics
Park Science Center **328**

Informal refreshments at 3PM – Talk at 3:30PM