Philadelphia Area Number Theory Seminar

Karen Taylor

Bronx Community College, CUNY

Applications of Hyperbolic Fourier Coefficients

Abstract: Classically, modular forms have been studied because of interesting arithmetic properties of their parabolic Fourier coefficients. Recently, Cormac O'Sullivan and I have initiated a research program on hyperbolic Poincare series and hyperbolic Fourier coefficients. In this talk, I will discuss, work in progress, specializing our exact formula for Hyperbolic Fourier coefficients, to cusp forms on the full modular group.

Wednesday, June 10, 2015

2:40–4:00PM

Bryn Mawr College

Department of Mathematics

Park Science Center **328**

Tea and refreshments at 2:20PM in Park 355