Philadelphia Area Number Theory Seminar

Austin Daughton

Franklin & Marshall College

Zeros of Eisenstein Series and Weakly Holomorphic Forms

Abstract: When given a complex function, one of the most natural questions is
that of the locations of the zeros. For form is
er, most modular forms have many zeros inside a fundamental
is known about the zeros of a general form, there have been
ci c forms or families of forms. In these talks, well discuss the
d Swinnerton-Dyer about the zeros of Eisenstein series and of
bout certain weakly holomorphic modular forms. Speci cally,
nat all of the zeros lie on the unit circle.

Thursday, September 24, 2015
Thursday, October 1, 2015
2:40{4:00PM

Bryn Mawr College
Department of Mathematics
Park Science Center 328
ea and refreshments at 2:20PM in Park 355