Philadelphia Area Number Theory Seminar

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Weyl Group Multiple Dirichlet Series over the Rational Function Field

Abstract: In this talk, I discuss Dirichlet series in several variables that satisfy a Weyl group of functional equations. Similar to zeta functions associated to curves defined over finite fields, these Weyl group multiple Dirichlet series are rational functions in several variables, and we expect the coefficients to encode arithmetic information about the defining curve. I will describe the construction and what is known in the rational function field case.

Wednesday, April 26, 2017
2:40–4:00PM

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

Tea and refreshments at 2:20PM in Park 355