Philadelphia Area Number Theory Seminar

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Images of Galois Representations

Abstract: Galois representations are a major topic of study in modern number theory. They provide a way to access information about the absolute Galois group of the rational numbers. One usually wants to prove that the images of such representations are "as large as possible". We will discuss what this means and what is known for certain types of Galois representations coming from modular forms and p-adic families of modular forms. The talk should be accessible to a general number theory audience.

Thursday, March 31, 2016
2:40–4:00PM

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

Tea and refreshments at 2:20PM in Park 355