Philadelphia Area Number Theory Seminar

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p-adic sigma-function and some modular forms congruences

Abstract: We present some congruences for modular forms implied by the existence of the p-adic sigma-function. While this sigma-function exists for ordinary primes only, we present numerical evidence towards the existence of an analog for supersingular primes. We also discuss some interpretations of these congruences.

Wednesday, May 29, 2019
2:40 { 3:50 PM

Bryn Mawr College
Department of Mathematics
Park Science Center 338
Tea and refreshments at 2:20 PM in Park 339