

ALGEBRA
SEMINAR

Class Numbers, Cyclic Simple Groups and Arithmetic

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Abstract: Ogg gave a geometric description of the primes that divide the order of the monster finite simple group in 1973, and thus initiated the theory of monstrous moonshine. In this talk, based on joint work with Cheng and Mertens, we will explain how Ogg's torsion conjecture (also from 1973) points toward a parallel phenomenon involving all the cyclic groups of prime order.

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Mathematics and Science Center: MSC N304

MATHEMATICS
EMORY UNIVERSITY