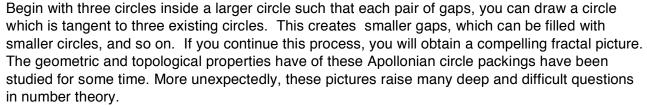
Michigan Math Club Thursday at 4pm in the Commons

Free Pizza and Pop

Integral Apollonian Packings Michael 'Cap" Khoury

Abstract for 24 Sept 2009



What kind of numbers can appear in such a packing? What kinds of sequences of numbers can appear along chains of circles? We will talk about some of the surprising things that are known about integral Apollonian packings as well as some questions that still lie well out of reach. This talk does not require any prior knowledge more advanced than high-school geometry and some modular arithmetic.

