The Apollonian supergasket

The Apollonian gasket is an ancient object, consisting of infinitely many non-overlapping circles packed inside an enclosing circle. I will review how there are Apollonian gaskets that are integral in a strong sense and then I will construct the Apollonian supergasket, which contains all strongly integral Apollonian gaskets, in a very beautiful structure. The talk will be elementary and there will be pictures.

Monday, November 1, 2004
Lecture at 4:00 PM (#)
Coffee, tea, and refreshments from 3-5 PM.
Room 617, Wachman Building
Department of Mathematics