Temple University Mathematics Colloquium

Alan Wilks

Bell Labs

will speak on

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 ($\sharp$)
COFFEE, TEA, AND REFRESHMENTS FROM 3-5 PM.
ROOM 617, WACHMAN BUILDING
DEPARTMENT OF MATHEMATICS