Geometry Seminar
Tuesday, October 26, 2010
Room 201 WWH at 6:00 P.M.

# On Fejes Toth's contact conjecture for sphere packings

Tom Hales
University of Pittsburgh

Laszlo Fejes Toth made the following conjecture:

**Conjecture 1** *In 3-space any packing of equal balls such that each ball is touched by twelve others consists of hexagonal layers.*

This talk will report on this conjecture.

For more information please visit the seminar website at:
http://www.math.nyu.edu/seminars/geometry_seminar.html.