

# Periodic planar disk packings

**Robert Connelly**  
(Cornell University)

## **Abstract**

There are some interesting relations between density estimates of certain packings of equal circles in a triangular torus and an old conjecture of L. Fejes Toth about finite rearrangements of triangular lattice packings with one disk removed. There are results about periodic packings being jammed and remaining so with respect to finite coverings. This is joint work with Alex Smith, Jeff Shen, and Will Dickinson.