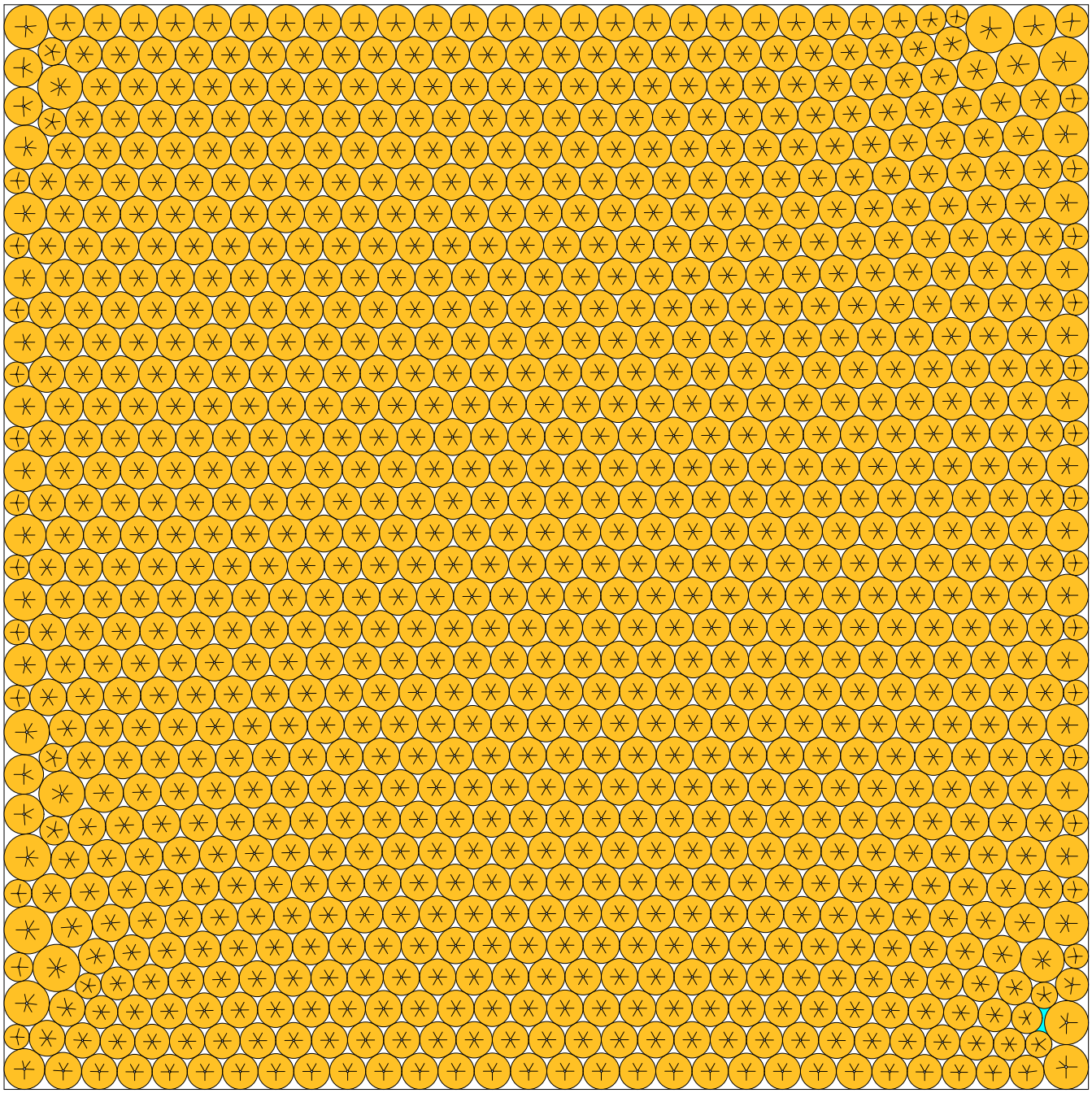
# 1000 circles in a square



**sumradii = 16.878187242305 density = 0.899453159848**
**sumperim = 106.048778092676 contacts = 3000**

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