1125-I1-387   **Beth Malmskog*** (beth.malmskog@villanova.edu) and **Katie Haymaker** (kathryn.haymaker@villanova.edu). *Quilting Squares.*

This talk starts with a real-world question about when it is possible to form a special type of quilting circle configuration. This simple premise leads to the study of latin squares, directed graphs, number theory, and group theory, and opens the door to unsolved problems. (Received August 30, 2016)