

Michigan Math Club

Thursday at 4pm in the Commons
Free Pizza and Pop



Sir Roger Penrose and the Frying Pan

Prof. Anna Siano

Abstract for 6 November



We will discuss the geometry of tessellation, i.e., the "art" of covering a flat surface with tiles of prescribed shape (like birds, fishes, squares, ...) so that neither gaps nor overlaps occur. Penrose noticed that certain tilings seem to have no repeating pattern. Eventually, he was able to create such a non-periodic tiling with only two different shapes: kites and darts!

And what about the frying pan?