

The AWM Distinguished Speaker Series presents

Emily Peters

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Shapes of Surfaces

Abstract:

It is easy, as an outsider, to see that there is a qualitative difference between an apple and a donut. But now imagine that you are a nearsighted ant, walking around one of these surfaces: how can you be sure you are on a toroidal donut and not a spherical pastry? Happily, the tool we use to determine this - called the Euler characteristic - is straightforward enough that its computation is not much beyond the ability of an ant!

Thursday, November 17th, 2022
2 - 3pm in University Hall 208

Everyone is welcome to attend this undergraduate-level talk hosted by the UO Student Chapter of the Association for Women in Mathematics