

IMSA'S FRONTIERS IN MATHEMATICS LECTURE SERIES

WIMSA DISTINGUISHED LECTURE SERIES



Wednesday, March 26, 2025 at 4:30 pm

Lakeside Village Pavilion, 1280 Stanford Drive, Coral Gables, FL 33146



Professor Moira Chas, Stony Brook University

She works in low dimensional topology, and gravitates to mathematics that can be expressed by pictures. A big part of her research is finding mathematical conjectures with computers. She is best known for her work on string topology.

Klein Bottles and Möbius Bands reveal their secrets

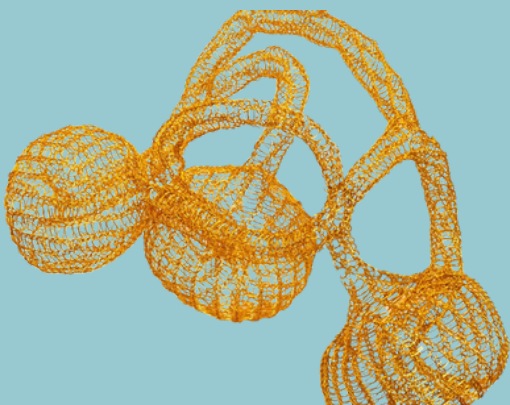
The Klein bottle and the Möbius band are among the most famous topological objects, yet they still have the power to make us ponder. We will explore their history and uncover some of their hidden aspects, some of which remain little known, even to seasoned mathematicians. If time permits, we will also explore intriguing sides of the projective plane.



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