

The HSU Department of Mathematics Presents:
The 68th
Harry S. Kieval Lecture

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MIRROR IMAGE SYMMETRY FROM DIFFERENT VIEWPOINTS

Abstract: In this lecture, I will give examples of mirror image symmetry in life, in mathematics, and in chemistry. I will explain why it is important to determine whether a molecule has mirror image symmetry, and discuss the differences between a geometric, chemical, and topological approach to understanding mirror image symmetry. Then I'll present examples of molecules that are symmetric or asymmetric from different viewpoints including some of my own results about topologically asymmetric molecules. No background is necessary to understand the lecture.

Thursday December 1st at 7:30 pm in Founders 118