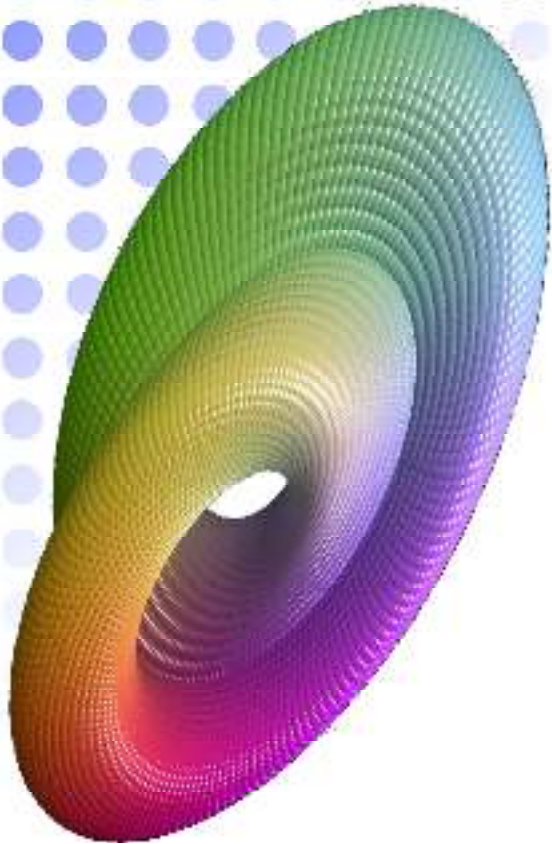


# Michigan Math Club

Thursday at 4pm in the Commons

Free Pizza and Pop



## The Expanding Universe

Lydia Bieri

Abstract for 25 Oct. 2012



What is the structure of the universe? Is it bounded or limitless? Does it evolve or does it remain the same forever? In 1998 two research teams presented findings which revolutionized the cosmological picture: The universe is expanding at an accelerated rate. Their work was recognized with the 2011 Nobel Prize in Physics. But who discovered the expanding universe? This talk will be a mathematical journey from the beginnings of cosmology with Einstein in 1917 up to today. We will see what answers today's cosmology gives to age-old questions.