



Kolloquium über Reine Mathematik

Einladung zu einem Vortrag

Dienstag, 13. April 2021

17 Uhr, virtuelles Meeting mit

[BigBlueButton](#)

Prof. Dr. Denis Auroux
(Harvard University, USA)

An invitation to homological mirror symmetry

Abstract:

We will give a gentle introduction to Kontsevich's homological mirror symmetry conjecture, first formulated in 1994 and subsequently extended beyond the Calabi-Yau setting. We will use simple examples to illustrate key concepts such as the Fukaya category, and the extension of HMS beyond the Calabi-Yau setting. Specifically, we will focus on two one-dimensional examples, the cylinder and the pair of pants, to give a flavor of the geometric concepts involved in a general formulation of homological mirror symmetry.

Vor dem Vortrag (ab 16.30 Uhr) besteht das Angebot auf ein Treffen zu einem virtuellen Tee.