## Universität Konstanz Konstanz Frauen in der Mathematik

Dienstag 30.05.2017 Raum: F426

17:00-18:15

## "Using model theory to find upper bounds on VC density"

Prof. Dr. Deirdre Haskell

(McMaster University, Canada)

The VC dimension of a collection of sets is a concept used in probability and learning theory. It is closely related to the model-theoretic concept of the independence property. In this talk, I will illustrate these concepts in various examples, and show how the model-theoretic approach can give some bounds on VC density. I will also talk a bit about my own experience as a woman in mathematics, and the place of affirmative action in hiring.

Zum Vortrag ergeht herzliche Einladung.