



Universität Konstanz

Logic in Konstanz

Invitation

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The Language of Math: A Corpus Linguistics Perspective

The talk will take place
on **Monday, 15.07.2024** at **15:15** in room **F426**.

All interested are welcome to attend.

Abstract: Generalisation and abstraction are often considered the most powerful tools in mathematics. However, in mathematical practice, examples play a crucial role in reasoning. In this talk, I will discuss various methods to examine generalisation and abstraction using a large-scale, data-driven approach. After a brief overview of how numbers are represented in text, I will present a computational study analysing the concreteness of words in everyday language. Finally, I will introduce an ongoing project aiming at the creation of a new corpus to study the use of mathematical terms in scientific texts from both a synchronic and diachronic perspective.

Carolin Antos, Salma Kuhlmann
Coordinators of the Logic Colloquium