UNIVERSITÄT BAYREUTH

Mathematisches Institut

# Einladung zum Mathematischen Kolloquium

Am Donnerstag, **dem 26. November 2026**, spricht

Herr Prof. Dr. Michael Stoll vom Lehrstuhl für Computeralgebra,

über das Thema

## From Riemann to Lean


**Abstract**

Last Friday, Levent Alpöge announced a proof of the Riemann Hypothesis, obtained in collaboration with Anthropic's AI model Claude and made available as a collection of files written in Lean.

In this talk, I will first try to explain the relation between the Riemann Hypothesis and the distribution of prime numbers, then I will recall what precisely happened last Friday, and finally I will give an introduction to what Lean is and which role it is playing in this story.


Beginn: 16.30 Uhr

Ort: Hörsaal H 19, Gebäude Naturwissenschaften II, Universitätsgelände


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