



Universität Hamburg
DER FORSCHUNG | DER LEHRE | DER BILDUNG

Fakultät für
Mathematik, Informatik
und Naturwissenschaften

Kolloquium über Reine Mathematik

Einladung zu einem Vortrag

Dienstag, 20. Mai 2025

17 Uhr, Geom H4

Prof. Patrick Massot
(Université Paris Saclay)

Title:

Why explain mathematics to computers?

Abstract:

In this talk I'll explain what it means to “explain mathematics to a computer” and why I find it interesting and useful. I'll show what it's like to use software to encode definitions, statements and proofs. I'll present applications of these techniques to verify, explain, teach or create mathematics. I'll mention examples of non-trivial projects in this field and briefly mention links with AI. There are no prerequisites.

**vor dem Vortrag (ab 16.30 Uhr) stehen im Foyer vor Hörsaal H4
Kaffee und Tee bereit.**