

KIT Center MathSEE

Prof. Jeremy Avigad

Carnegie Mellon University

KIT, CAMPUS SÜD, GEB. 10.11,
HEINRICH-HERTZ-HÖRSAAL

15 July 2024, 17:30



Mathematics and the Formal Turn

Since the early twentieth century, it has been understood that mathematical definitions and proofs can be represented in formal systems with precise grammars and rules of use. Building on such foundations, computational proof assistants now make it possible to encode mathematical knowledge in digital form. In this talk, I'll explore some of the ways that these and related technologies can help us do mathematics.

**This is a general audience talk –
everyone is welcome to attend!**

