ALPEN-ADRIA UNIVERSITÄT KLAGENFURT

INVITATION TO A GUEST LECTURE

Constructive Circle Squaring

Oleg Pikhurko | University of Warwick, UK

Chaired by Daniel Brosch | Department of Mathematics

Wednesday, 12 August 2026 | 10:00–11:00

N.2.35

ABSTRACT

Laczkovich showed in 1990 that one can partition a disk into finitely many parts and move them to form a square, thus famously resolving Tarski's Circle Squaring Problem from 1925. However, the proof of Laczkovich crucially relies on the Axiom of Choice. The talk will discuss recent constructive versions of this result.

We hope to see you there!