



# Kolloquium über Reine Mathematik

Einladung zu einem Vortrag

**Dienstag, 12. April 2022**

17 Uhr, Geom H5

Dr. Max Pitz  
(Universität Hamburg)

**Order trees and infinite graphs**

Abstract:

Traditionally, the trees studied in infinite graphs are trees of height at most  $\omega$ , with each node adjacent to its parent and its children (and every tree branch inducing a path or a ray). However, it has become apparent over the previous decade that the structure of infinite graphs is in fact much more closely governed by the theory of well-founded order trees. In this talk, I will describe these connections and discuss some of the key results in the field.

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

