SALZBURG MATHEMATICS COLLOQUIUM
Summer 2022

Ugo Gianazza (Pavia)

„Boundary behavior of non-negative solutions to degenerate and singular parabolic equations in non smooth domains"

May 19, 2022

Abstract:
I will discuss the meaning and the importance of classical boundary estimates such as the Carleson estimate and the Boundary Harnack Inequality for elliptic and linear parabolic equations in non smooth domains. This will then allow me to present more recent, analogous results about the boundary behavior in irregular and possibly also non cylindrical domains of non-negative solutions to degenerate and singular parabolic equations of p-Laplacian type.

Thursday, **15:00-15:45**
Hörsaal 414, 1. Stock