Analysis Seminar

Title: Lipschitz-free spaces over manifolds and the metric approximation property

Speaker: F. Talimdjioski

Date: Tue 26th April 2022 at 3:00PM

Location: Seminar Room SCN 1.25

Abstract: Let $\cdot$ be an arbitrary norm on ^{N} and let M be a closed C^1-submanifold of ^{N}. Consider the pointed metric space (M, d), where d is the metric given by $d(x, y) = x - y$ and $x_0 \in M$ is an arbitrary distinguished point. The main result of the talk is that the Lipschitz-free space M over (M, d) has the metric approximation property. This result is based on a joint work with Prof. Richard Smith.

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