

BERNOULLIS TAFELRUNDE

MATH STUDENTS AND PHDS SEMINAR

Wednesday, 29.04.2026, 12:15-13:00

Hörsaal 117, Kollegienhaus

NICOLA PADDEU

Université de Fribourg

Introduction to sub-Riemannian geodesics

ABSTRACT

In this talk, we investigate the geometry of sub-Riemannian geodesics, starting from the fundamental definitions and guiding ideas that shape the field. After presenting the main notions and the central questions surrounding geodesics, we turn to the problem of regularity, highlighting its key features and discussing a representative result.

No prior knowledge is required: the presentation is designed to be accessible, and particular emphasis will be placed on the connections between sub-Riemannian geometry and other areas of mathematics.



*Scan before 28.04.2026 at
16:00 to register for lunch*