## BERN-FRIBOURG GRADUATE SEMINAR

a seminar for Master and PhD students

Thursday 7<sup>th</sup> March, 2024: 17:15 - 18:00 Room B7, Exakte Wissenschaften, Bern

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## Spin geometry and positive scalar curvature

## Abstract

This talk serves as an advertisement to the study of *spin geometry* - a subfield of differential geometry which involves the study of manifolds with a kind of strengenthened orientability property. This property allows one to study particularly well-behaved differential operators on them, which in turn may be used to provide surprising obstructions to certain curvature conditions. In this talk these objects are introduced and these links are made.