

# Postdoctoral Position in Mathematics

within the project

## ***Moduli spaces of metrics with lower curvature bounds***

The *Topology* research group at the University of Fribourg, Switzerland, seeks candidates for a position as a postdoctoral researcher (one year, with the possibility of extension for a second year, 100%).

The successful candidate is expected to conduct research related to the project *Moduli spaces of metrics with lower curvature bounds* of the principal investigator Anand Dessai which is part of the larger project *Spaces and moduli spaces of Riemannian metrics with curvature bounds on compact and non-compact manifolds* with Bernhard Hanke (Augsburg) and Wilderich Tuschmann (Karlsruhe) as other principal investigators and takes place inside the Priority Program *Geometry at infinity* (SPP 2026) (see [https://homeweb.unifr.ch/dessaia/pub/Poster\\_SPP2026\\_Fortsetzung.pdf](https://homeweb.unifr.ch/dessaia/pub/Poster_SPP2026_Fortsetzung.pdf) for details). The successful candidate is expected to participate in the joint activities of the three research groups (Augsburg, Fribourg, Karlsruhe) and the Priority Program (additional information will be available at <https://www.spp2026.de/>).

Interested candidates should have a strong background in **geometric topology, Riemannian geometry and/or index theory**.

The position will be based within the *Topology* research group in Fribourg and will be funded by the SNSF (Swiss National Science Foundation) subject to the regulations of the SNSF<sup>1</sup> and the University of Fribourg. The position comes with light teaching duties.

The proposed starting date of the position is **February 1<sup>st</sup>, 2021**. But terms can be negotiated.

Please send applications including

- CV
- list of publications
- short research description
- names and addresses (including email) of at least two references

directly by email to [anand.dessai@unifr.ch](mailto:anand.dessai@unifr.ch) (applications through MathHire.org etc. may not be considered).

**Deadline: 13. December 2020**, late applications will be considered until position is filled

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<sup>1</sup>Funding by SNSF is only possible within the first five years after finishing PhD.