Department of Mathematics
University of Fribourg
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Switzerland

PhD Position in Analysis/Geometry

The Department of Mathematics at the University of Fribourg, Switzerland, invites applications for a **PhD position in Mathematics** under the supervision of Professor Stefan Wenger.

Candidates should hold an MSc in Mathematics and have a strong background in **Analysis and/or Geometry**. The PhD thesis project is at the intersection of several research areas in modern analysis and geometry, including analysis on metric spaces, sub-Riemannian geometry, geometric measure theory and geometric group theory. It is part of a Swiss National Science foundation project studying fundamental questions related to uniformization problems in non-smooth spaces, mapping problems in sub-Riemannian geometry, and isoperimetric problems in groups using novel techniques from geometric analysis and geometric measure theory.

The successful candidate will contribute to the vibrant research environment of the department and will be integrated into the research groups in Geometric Analysis and Non-Smooth Geometry. The PhD position comes with a competitive salary and a light teaching load in the form of a teaching assistantship. A good command of English is required. Moreover, a certain degree of fluency in German or French after a period of adaptation is expected.

Applications should include a letter of motivation, a curriculum vitae, and a copy of university transcripts and diplomas (if possible all in a single pdf file). The letter of motivation should explain why the candidate wants to do a PhD in mathematics and the candidate's interest in Analysis and Geometry. The curriculum vitae should include names and addresses of 2 possible references.

Applications should be sent directly to stefan.wenger@unifr.ch and any inquiries about this position should also be addressed to the same email address. The position has a **flexible start date**, with a **latest start date** of **1 September 2023**. Applications will be reviewed on a rolling basis.

Professor Stefan Wenger
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