PhD Position in Geometry

The Department of Mathematics at the University of Fribourg, Switzerland, invites applications for a **PhD position in Mathematics** under the primary supervision of Dr. Alexey Balitskiy, with joint supervision by Prof. Stefan Wenger.

The expected starting date is **1 September 2026**, and the duration is four years. Candidates must have obtained an MSc in Mathematics (or an equivalent degree) before the contract can be issued.

Candidates should have a background and interest in **geometry**, to be detailed in the letter of motivation. The PhD project lies at the intersection of several areas of modern geometry, including metric and systolic geometry, quantitative topology, and geometric analysis, with possible connections to convexity, aspects of symplectic dynamics, analysis in metric spaces, and geometric measure theory. It is part of a Swiss National Science Foundation Ambizione project studying fundamental questions of dimensionality through the lens of diastolic geometry.

The successful candidate will be integrated into the research groups in Geometric Analysis, Geometry and Combinatorics, 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. Knowledge of French or German is an advantage.

Applications should include a CV, a letter of motivation, the contact details of two references, and copies of university transcripts and diplomas (ideally combined into a single PDF file).

Applications and any inquiries should be sent directly to alexey.balitskiy@uni.lu. Applications will be reviewed on a rolling basis, starting in mid-April and continuing until the position is filled.

Dr. Alexey Balitskiy   Homepage: https://balit.ski/math