Visual Computing Forum
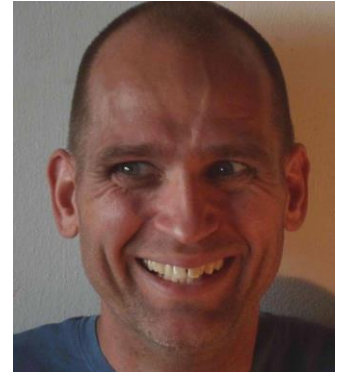
Topological methods for data analysis

Morten Brun
Associate professor @ UIB, Mat. fak.

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Room 3137, 3rd floor, Høyteknologisenteret (data blokk)

Abstract

I will explain how we have used persistent homology to examine meteorological data. In particular we have studied patterns of weather fronts that have reached Bergen. This is an ongoing joint project between the department of geophysics and the department of mathematics here in Bergen. If time permits, at the end of the talk I will sketch how we envision to use topological data analysis in the study of the stress imposed on cod liver by pollution.