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**UNIVERSITÄT
HEIDELBERG**
ZUKUNFT
SEIT 1386

STRUCTURES JOUR FIXE

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**“Can Geometric Hydrodynamics
meet Dynamical Data Analysis?”**

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ABSTRACT

We will try to convince the audience that the use of information geometry on diffeomorphism groups gives an intriguing and deep link between Geometric Hydrodynamics (or much more generally for many PDEs of mathematical physics) and Dynamical Data Analysis.

In this EP we want to explore this link and ideally turn it into a firm research avenue in the future.

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