

# 72nd Midwest PDE Seminar

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**Vladimir Sverak**, *University of Minnesota*

Sun, Nov 17, 11:30–12:20, MATH 175

## **Invariant measures and long-time behavior for some Hamiltonian PDEs**

*Abstract.* Long-time behavior of finite-dimensional Hamiltonian systems is a classical subject known for its difficulty. Infinite dimension brings new phenomena which can in some sense simplify the behavior. Rigorous results fully capturing these effects are hard to obtain, but interesting theorems can be proved even at a relatively “soft” level. We will discuss some of them.