

abstract

Symplectic Dynamics Seminar
Topic:

Speaker:

Affiliation:

Date:

Time/Room:

In 1966 V. Arnold showed how solutions of the Euler equations of hydrodynamics can be viewed as geodesics in the group of volume-preserving diffeomorphisms. This provided a motivation to study the geometry of this group equipped with the L^2 metric. I will describe some recent work on the structure of singularities of the associated exponential map and related results.