Recent developments on certain dispersive equations as infinite dimensional Hamiltonian systems

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In this talk I will present some recent developments in the study of dispersive differential equations on compact manifolds that may also have the property of being infinite dimensional Hamiltonian systems. I will talk about Strichartz estimates, weak turbulence, Gibbs measures, symplectic structures and non-squeezing theorems. A list of open problems will conclude the talk.

The lecture will take place in Thackeray 704 at 3:30pm.
Refreshments will start at 3:00pm.