

## Condensed Matter Theory Seminar

“Mixed State Topology in a  
non-Integrable Spin-chain”

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**Abstract:** We study a non-integrable spin-chain model with a symmetry protected topological phase. The question of the stability of this topological phase when driven out of equilibrium is addressed via a concept similar to the entanglement spectrum. Before reaching a steady state, the mixed states in the transient regime remain in a topological phase.

**12:00 noon**  
**Tuesday, January 28, 2014**  
**Duboc Seminar Room (4-331)**