

Thursday, 06 November 2014

11:00

AER 19 Seminar Room 4.14

**Hubbard model in strong electric fields:
nonequilibrium approach**

by

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We use Keldysh nonequilibrium formalism to study the Hubbard model in presence of external electric field. Several perturbative approaches are compared. We discuss a range of issues: thermalization after interaction quench, Bloch oscillations, negative temperatures and long-lived nonequilibrium states.