

Abstract Submitted  
for the MAR07 Meeting of  
The American Physical Society

**Zero Bias Anomaly Out of Thermal Equilibrium** DMITRI GUTMAN, University of FLorida, YUVAL GEFEN, Weizmann Institute of Science, ALEXANDER MIRLIN, University and Forschungszentrum of Karlsruhe — We consider the out-of-equilibrium tunneling density-of-states for a two-dimensional diffusive film. Starting from a Keldysh *sigma*-model formalism we have obtained an effective action capable of accounting for both real and virtual processes. The ensuing zero bias anomaly, obtained non-perturbatively in the interaction, exhibits a two-dip structure, whose singularity is rounded off by the electron-electron inelastic rate.

Dmitri Gutman  
University of Florida

Date submitted: 19 Nov 2006

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