

CMP Seminar
Michigan State University

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***Nonequilibrium and anisotropic transport in high-mobility
semiconductor heterostructures***

Two-dimensional electron systems formed in semiconductor heterostructures host a rich variety of transport phenomena. In high magnetic fields, these include quantum Hall effects, as well as stripe and bubble phases. In low magnetic fields, irradiated heterostructures are known to reveal microwave-induced resistance oscillations and associated zero-resistance states. This talk will discuss our recent experiments on stripes reorientation by in-plane magnetic fields and on microwave photoresistance under intense radiation.

Monday, October 3, 2016
4:10 p.m.
BPS 1400
Prof. Mark Dykman - Host