

Physics Theory Seminar

Monday, April 24, 2017 / Pupin Hall Theory Center, 8th Floor / 2:10 PM

"Theories of bad metals"

Bad metals conduct electricity, but their conductivity is so small that they are seemingly incompatible with a conventional weakly interacting description. Controlled theoretical descriptions of bad metals are few and far between. I will discuss several different recent theories of bad metals that draw on ideas from hydrodynamics, the idea of fundamental bounds on quantum dynamics, and on the dynamics of spontaneously broken spacetime symmetries (density waves).



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