



Contribution ID: 303

Type: **Parallel Talk**

Fermi Gases in Two Dimensions

Wednesday, 2 August 2023 10:00 (20 minutes)

Laboratory setups and astrophysical circumstances may confine fermions to two spatial dimensions. Leading-order nonrelativistic pionless EFT in 2D has an anomalously broken conformal symmetry, and exhibits BKT phase transition. We use classic tools from lattice field theory to make predictions about this strongly correlated system.

Topical area

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Session Classification: Theoretical Developments