(Almost) naked quantum criticality with non-Fermi liquid behavior at the onset of inhomogeneous Larkin-Ovchinkov superfluidity in two dimensions

PHILIPP STRACK, Harvard University, FRANCESCO PIAZZA, TU Muenchen — We present a renormalization group analysis for the non-Fermi liquid behavior and quantum criticality arising in coupled quantum wires of attractively interacting fermions with spin imbalance in two spatial dimensions.

Philipp Strack
Harvard University

Date submitted: 11 Nov 2014