

THEORIEKOLLOQUIUM

Freitag, den 14.06.19 um 12:00 in MC 351

Dr. Jorge Cayao

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Majorana signatures in Josephson junctions

In this talk, I will discuss the emergence of Majorana Bound states (MBSs) in phase-biased SNS junctions made of nanowires with Rashba spin-orbit coupling. In particular, I will show that supercurrents offer a powerful alternative for studying the topological phase and the emergence of MBSs, beyond standard tunnel spectroscopy experiments, while offering further tunability by virtue of the Josephson effect.

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