

Magnetic-field-induced intertwined electronic state in a FeSe-derived high-temperature superconductor

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Abstract text:

The understanding of high-field vortex state in high-temperature superconductors remains a great challenge. In this talk, I will introduce our recent high-field NMR and transport studies on the high-field vortex state in a FeSe-derived high-temperature superconductor. Based on these results, a high-field phase diagram is mapped out, suggesting a new intertwined electronic state.