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quasiparticle research on 3d material using ARPES

Tuesday, 12 June 2018 11:30 (15 minutes)

In this presentation, I will present the many-body interactions in solids studies by high resolution ARPES. High-resolution angle-resolved photoemission spectroscopy studies of Fe (1 1 0) ; Ni(110) and other 3d single crystals have been conducted to clarify the role of many-body interactions acting on the quasi-particles at the Fermi level at low temperatures.

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Track Classification: Condensed Matter and Materials Physics / Physique de la matière condensée et matériaux (DCMMP-DPMCM)