

Condensed Matter Physics Seminar

Resonant inelastic x-ray scattering studies of elementary excitations in quantum materials

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Seminar room 811&812, Sengen, NIMS

Recent advancements in resonant inelastic x-ray scattering (RIXS) instrumentation have enabled systematic investigations into collective excitations in quantum materials. In this talk, I will present our studies of charge and magnetic excitations in 3d and 4d transition metal compounds. Additionally, I will provide the latest status of the 2D-RIXS spectrometer at NanoTerasu.

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