24th Australian Institute of Physics Congress



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Non-equilibrium dynamics of a strongly interacting Fermi gas

Wednesday 14 December 2022 16:00 (30 minutes)

We study the dynamics in a strongly interacting Fermi gas following a quench of the interactions. Using two-photon Bragg spectroscopy, we directly observe the amplitude oscillations, obtaining measurements of the pairing gap and damping rate as a function of temperature.

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