

Interacting with superconductors

Monday 16 June 2025 14:00 (45 minutes)

Five Nobel prizes have highlighted advances in understanding the fundamental physics of how some materials –superconductors –can transport currents without heat loss. Despite this, there is still so much we don't understand about how these materials interact with other states of matter, or external impulses. Here we'll explore some of these fundamentals, and how certain interactions can let us harness their properties for pioneering quantum technologies.

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Session Classification: Session