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Type: **not specified**

Multi-winding Magnetic Fluxtubes in Colour-superconducting Quark Matter

Tuesday 15 December 2020 14:30 (30 minutes)

I will present results analysing the phase structure of dense, three-flavour, colour-superconducting quark matter in the presence of an external magnetic field using a Ginzburg-Landau approach. By contrasting with the massless case, I will discuss how the preferred magnetic defects in the type-II 2SC phase and overall phase diagram are affected when we consider the strange quark mass to be non-zero.

Would you be interested in receiving feedback on your talk?

Yes

Will you be pre-recording your talk?

No

Length of talk

15-25 minutes

Are you happy for your talk to be recorded?

Yes

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