## 24th Australian Institute of Physics Congress



Contribution ID: 377 Type: Talk (preferred)

## Observing varied magnetic phases in a van der Waals antiferromagnet using widefield nitrogen-vacancy centre microscopy

Thursday 15 December 2022 12:00 (15 minutes)

A magnetic study of the van der Waals antiferromagnet CuCrP2S6 showcasing the capabilities of widefield NV microscopy and uncovering a surprising range of magnetic phases in this material.

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Session Classification: AIP: Condensed Matter, Materials and Surface Physics

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