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## 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 CuCrP<sub>2</sub>S<sub>6</sub> 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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