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## **Spatially resolved transport spectroscopy of few donor clusters in silicon**

*Wednesday 14 December 2022 16:45 (15 minutes)*

We present spatially-resolved spectroscopy of dopant-based atomic-scale devices in silicon using the resolution of low-temperature scanning tunnelling microscopy towards the fabrication and spectroscopy of artificial quantum matter in the context of dopant-based analogue quantum simulators in silicon

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

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