

Abstract Submitted
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Towards High-Spectral-Resolution Micron-Scale NMR Using NV Centers in Diamond DAVID GLENN, DOMINIK BUCHER, RONALD WALSWORTH, Harvard University — We will report progress on a new approach to micron-scale NMR of thermally-polarized nuclear spin samples with high spectral resolution using ensembles of nitrogen-vacancy (NV) color centers in diamond.

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