

## **Magnetic Imaging on the nanoscale at variable temperature**

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Scanning probe microscopy is the tool of choice when surface effects are to be studied on the nanoscale. Many interesting phenomena related to magnetism and quantum effects only happen at cryogenic temperatures, and sometimes require strong vector magnets. We will provide an overview on how our unique platforms enable scientific impact in magnetic imaging through the use of ultra-low vibration cryostats, magnetic force microscopy, as well as nitrogen vacancy center based nanomagnetometry – all of which can be used over a temperature range between mK up to room temperature.