

## IMAGING VDW MAGNETS AND MAGNETIC DEVICES IN THE 2D LIMIT

MARTINO POGGIO

University of Basel,  
Switzerland

Magnetic imaging provides invaluable insights into material properties that are not accessible via bulk measurements or conventional imaging. To image vdW magnets in the 2D limit, nanometer-scale spatial resolution and the sensitivity to resolve single atomic layers is required. I will discuss the development of two such techniques, scanning superconducting quantum interference device microscopy and ultrasensitive magnetic force microscopy, and their application to the study of 2D magnetism.

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2:00 PM

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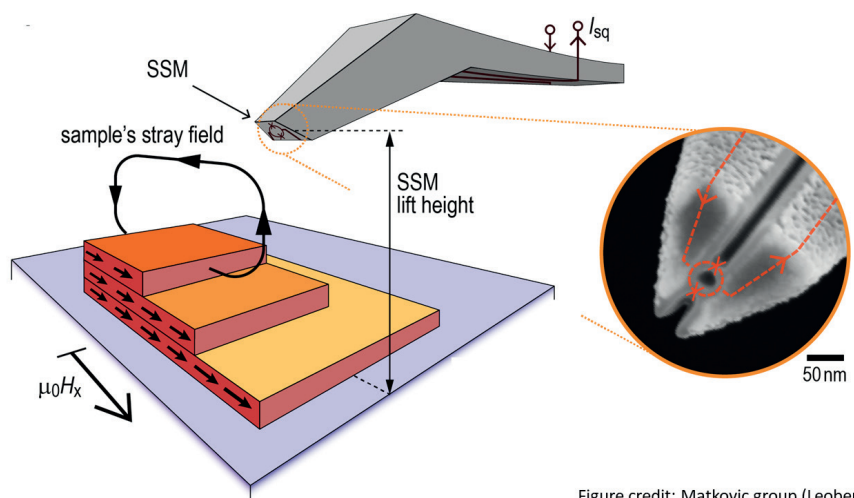


Figure credit: Matkovic group (Leoben)