

## EXPLORING THREE DIMENSIONAL SPIN SYSTEMS – AND BEYOND

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Max Planck Institute for Chemical Physics of Solids, Dresden, Germany Extending spin systems to three dimensions promises new functionalities associated with complex topology and greater degrees of freedom. Our aim is to understand - and control! - such systems on the nanoscale. Specifically, with coherent X-ray dichroic tomography, we can map nanoscale topological textures in 3D magnetic and orientation fields. By patterning curvilinear nanogeometries, we locally control these textures in 3D space.

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2:00 PM

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