

The Influence of Confinement on Phase Transitions (Part 1)

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Dipolar Systems

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Due to the long range and angular dependence of the dipolar interaction sample shape plays a crucial role in determining the ordered state of magnetic materials where long-range interactions are important. This should also apply to magnetic multilayer systems and I propose studying the effects of the often neglected dipolar interaction in these novel materials.

Primary author: Prof. HENELIUS, Patrik (KTH Royal Institute of Technology)

Presenter: Prof. HENELIUS, Patrik (KTH Royal Institute of Technology)