

## **Ferromagnetism modeling: from micro-scale to meso-scale**

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In this presentation we will focus on the link between the micro-scale and the meso-scale for ferromagnetic models.

The micro-scale designates a model where atom kernels are assimilated to point-wise magnetic charges and the meso-scale is the model of micromagnetism. Starting from the micro-scale description, we will give a stochastic description of heat effects. In the following, we will expose the link between the micro and meso-scale.