

Description of Additional Supplementary Files

Title: Supplementary Data 1

Description: The exchange and HOI parameters from DFT of Supplementary Table 1 with the full number of digits used in the atomistic spin dynamics simulations.

Title: Supplementary Data 2

Description: The Dzyaloshinskii-Moriya interactions parameters, the magnetocrystalline anisotropy parameter as well as the magnetic moments from DFT of Supplementary Table 3 with the full number of digits used in the atomistic spin dynamics simulations