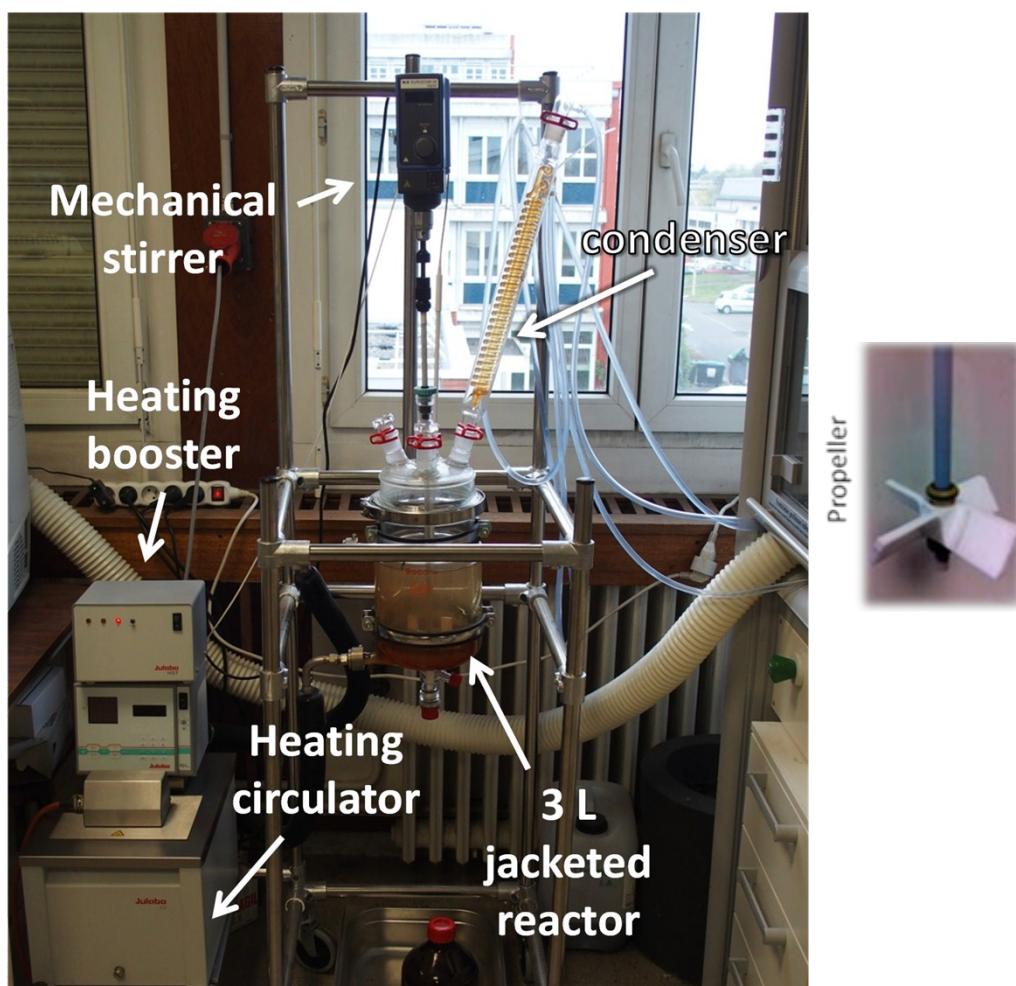


**Control of the crystal habit and magnetic properties of Co nanoparticles  
through the stirring rate.**

By

K. Mrad, F. Schoenstein, H. T. T. Nong, E. Anagnostopoulou, A. Viola, L. Mouton, S. Mercone, C. Ricolleau, N. Jouini, M. Abderraba, L.-M. Lacroix, G. Viau, J.-Y. Piquemal

**Supplementary material**



**Figure S1.** Photography of the experimental set-up for the large-scale production of Co NRs.

The jacketed reactor's heating system consists in a double glass cylindrical flask with oil circulation. The internal diameter is 15 cm. A heating circulator Julabo SL-12 equipped with a Julabo HST booster heater (6 kW), was used to heat the oil. The additional heater allowed reaching a ramping temperature close to  $8^{\circ}\text{C}.\text{min}^{-1}$ . A Teflon propeller was used for the mechanical stirring of the reacting medium.