

Supporting information

Figure S1

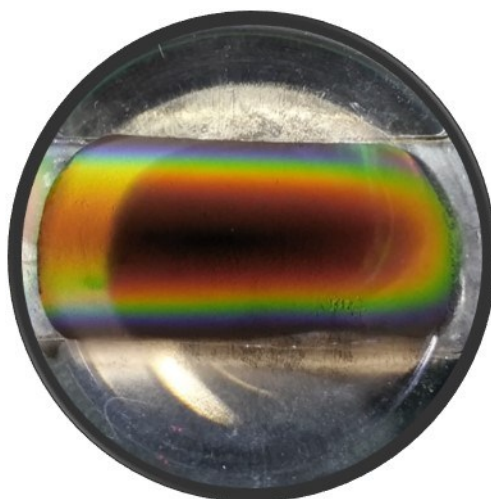


Fig. S1 Structural color of $\text{Co}_{0.75}\text{Fe}_{2.25}\text{O}_4$ colloidal particles.

Figure S2

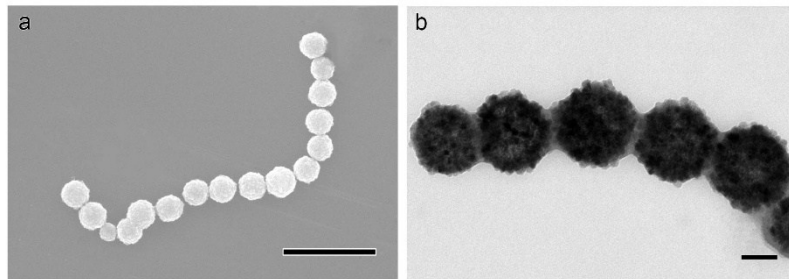


Fig. S2 Magnetic-field induced self-assembly of $\text{Co}_{0.75}\text{Fe}_{2.25}\text{O}_4$. (a) SEM image. (b) TEM image. Scale bars, (a) $1\mu\text{m}$, (b) 100nm .

Figure S3

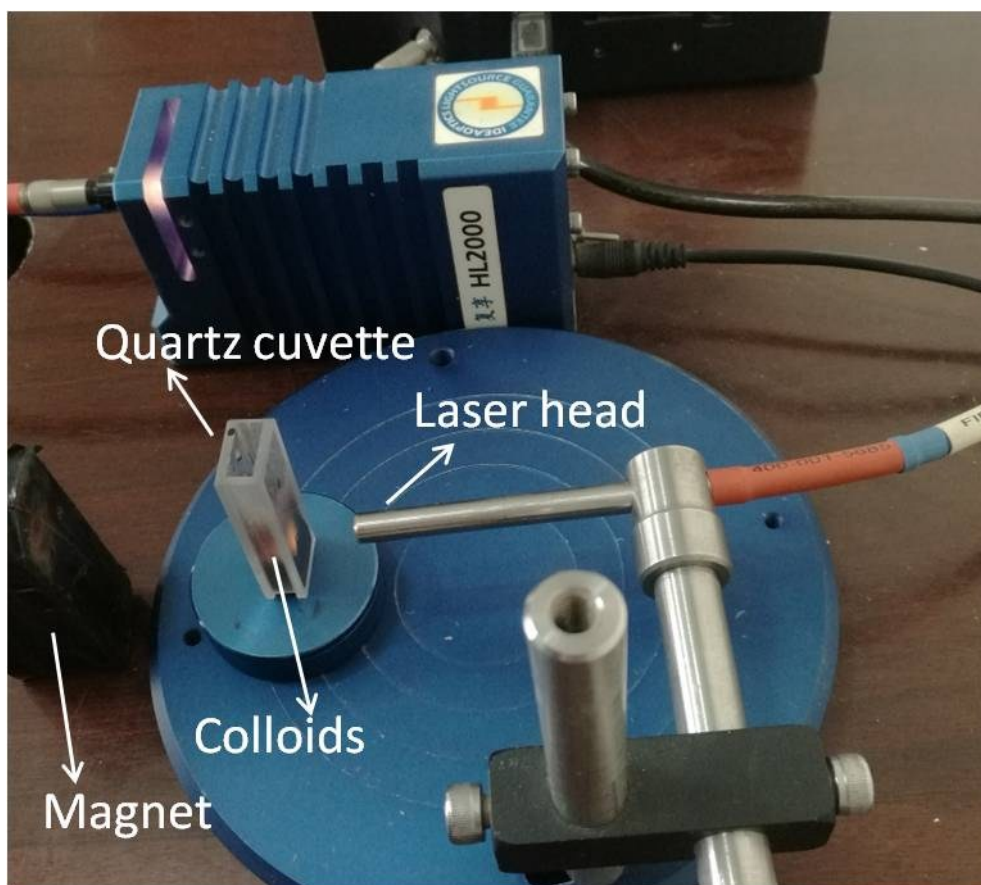


Fig. S3 Photo of reflection spectrum measurement of $\text{Co}_x\text{Fe}_{3-x}\text{O}_4$ suspension under magnetic field.