

## Magnetically Rewritable Photonic Ink Based on Superparamagnetic Nanochains

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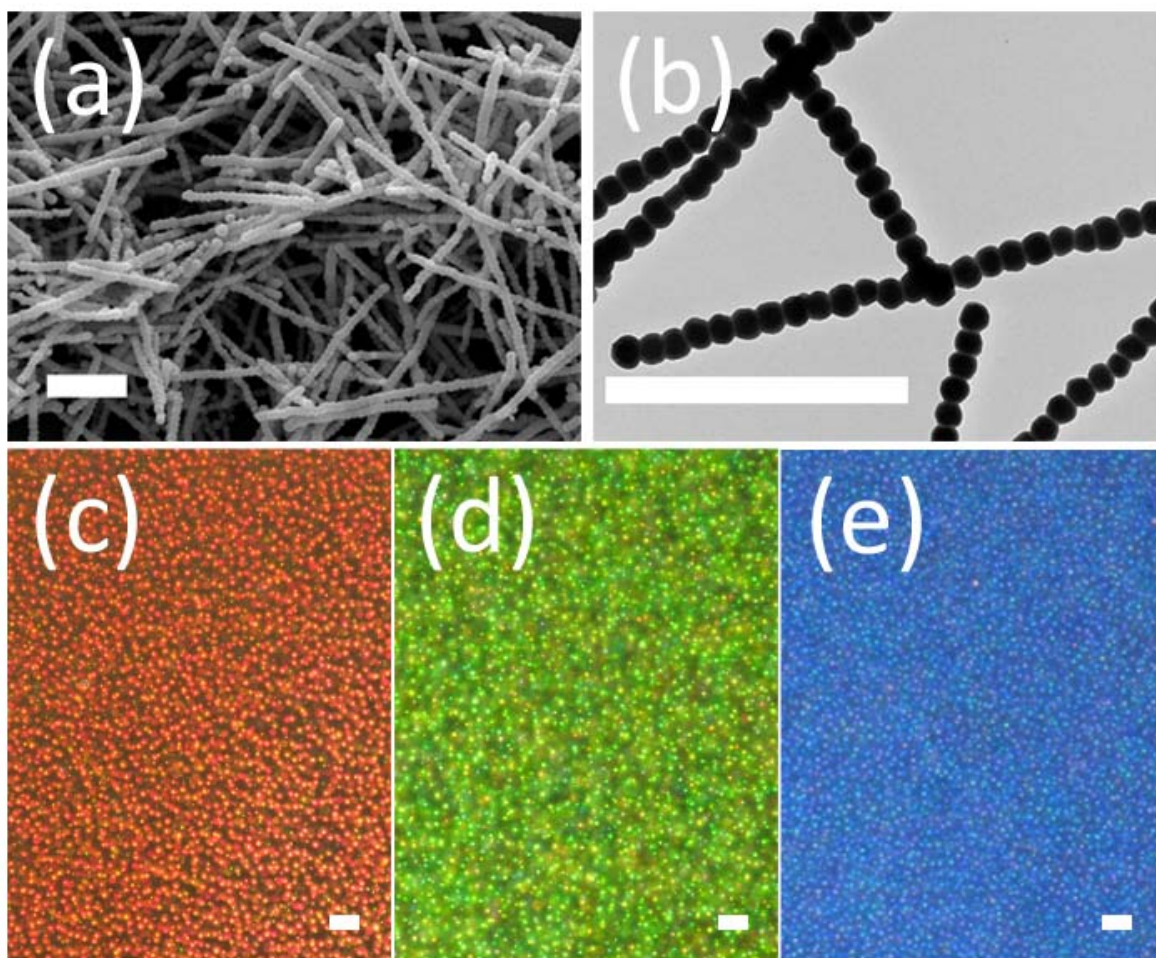


Figure S1: a) Additional SEM images of nanochains; scale bar: 2  $\mu\text{m}$ ; b) TEM images of nanochains, scale bar: 2  $\mu\text{m}$ ; c,d,e) Optical images of red, green and blue nanochains in the presence of a magnetic field parallel to the viewing angle; scale bar: 2  $\mu\text{m}$ .

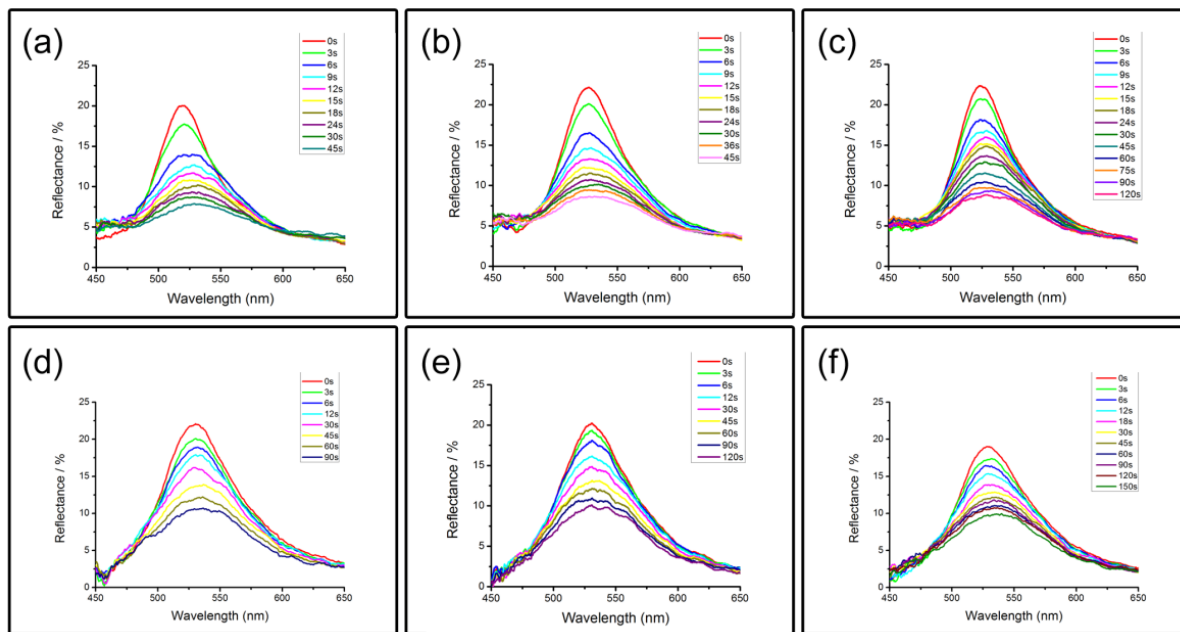


Figure S2: Reflectance Spectra of inks when different solvents are used as dispersants; a) DEG; b) TEG; c) PEG 400; d) 89% glycerol solution; e) 91% glycerol solution; f) 93% glycerol solution.