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Highly ordered binary superlattices ...

... of 1D nano-objects are demonstrated for hydrophilically functionalized single-walled carbon nanotubes (p-SWNTs) and cylindrical surfactant micelles. In their Communication on page 12548 ff., S.-M. Choi et al. show that when p-SWNTs are added into a hexagonally packed cylindrical micellar system, p-SWNTs form a hexagonal array embedded in a honeycomb lattice of surfactant cylinders to maximize the free-volume entropies of both 1D nano-objects.

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