

Abstract Submitted
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The effects of carbon chain length on nano-crystal structure HIRAM CONLEY, Brigham Young University, UMA MARAN, University of Utah, ROBERT DAVIS, Brigham Young University, PETER STANG, University of Utah — We have applied 3,6-Bis[*trans*-Pt(Pe_t)₂Br]-9,10-bis(didecyloxy)phenanthrene self assembling nanocrystals to various surfaces using Langmuir-Blodgett technique. The long range order of the nanocrystals was then imaged using the atomic force microscope. We observed the formation of lines and mono-layers of the nanocrystals.

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