



Colloquium

Polymer-Metal Nanocomposites via Chemistry Inside a Polymer Thin Film

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Polymer-metal nanocomposite thin films are versatile only combine materials that not the unique characteristics of the components, but also manifest mutualistic effects. Soft chemistry within a polymer thin film is a facile in situ route to such materials. Generation of metal nanostructures within the films and real-time crystal-to-crystal monitoring of their growth, transformation at the nanoscale and the directed synthesis of unusual materials like mercury nanodrops the nanocrystals unique and are some of such accomplishments of The an approach. nanocomposite thin films find a range of applications in nonlinear optics to bactericides to chemical sensing and catalysis. The talk will highlight the simplicity of the fabrication method, novelty of the materials and the uniqueness of the avenues of utilization.

Wednesday, Apr 9th 2014

04:00 PM (Tea/Coffee at 03:30 PM)

Seminar Hall, TCIS