

Seminář RCPTM

Dr.Kasibhatta Kumara Ramanatha Datta

Přednášející: Dr. Kasibhatta Kumara Ramanatha Datta

Termín a místo konání semináře: pondělí 10.9. 2012 ve 14.00 hod v učebně LP 3.005

Název přednášky: Investigations on Clay hybrids and Carbon based Nanostructures

Abstract:

Hybrid materials are receiving great attention in recent years owing to their application in medicine, energy, catalysis and reinforcements. During my talk I will introduce aminopropyl-functionalized silicate network (aminoclay), its properties and using it as a functional scaffold for the stabilization of metal nanoparticles, dye molecules and as a template for the preparation of flexible porous carbon and multifunctional applications. Furthermore the synthesis and applications of nanoporous carbon hybrids, agarose-metal nanoparticle hybrids will be highlighted.