

Internal Seminar

Transition Metal Phosphate using Bulky Aryl Phosphate Ligands

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A great interest have been shown in the area of Metallophosphates during the last four decades because of its application in various fields such as, ion exchangers, fast-ion conductors, catalysts, adsorption, matrices for electronic devices, photoluminescence, medicine, gas storage and magnetism. In this talk I will discuss the synthesis of several bulky phosphate ligands and their inter molecular hydrogen bonding interactions, synthesis of anionic phosphate ligands stabilized by alkyl ammonium cation and their inter molecular hydrogen bonding interactions. I will also discuss the synthesis of several discrete Copper, Zinc, Nickel metallophosphates and their characterization.

Wednesday, Sep 14th 2016

4:00 PM (Tea/Coffee at 3:45 PM)

Seminar Hall, TCIS