
Seminar

Hydrogen Storage in Metal-Organic Frameworks: Opportunities and Trade-Offs

G Prabusankar

Indian Institute of Technology - Hyderabad

Hydrogen storage in metal-organic frameworks (MOFs) has been extensively investigated in the last two years. To date, MOFs with permanent porosity are more extensive in their variety and multiplicity than any other class of traditional porous materials such as zeolites and carbons. These aspects have made MOFs ideal candidates for storage of fuels (hydrogen and methane), capture of carbon dioxide, and catalysis applications, to mention a few. The current status and future directions of hydrogen storage in MOFs will be discussed.

Tuesday, Apr 21st 2015

11:30 AM (Tea/Coffee at 11:15 AM)

Seminar Hall, TCIS