

## **Seminar**

**X-ray crystallography: A pathfinder for the exploration of chemical and physical property of metal organic frameworks**

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Metal organic frameworks have become hot area of research in the inorganic and materials science due to their versatile structural features and various functional applications. It is well known that the X-ray structure is the one of the most important tool for the characterization of such material, but side by side the X-ray structure can instigate new area of exploration for such materials. This talk will try to explore some not so traditional properties of metal organic frameworks that is originated and explored due to the observation come from the both single crystal X-ray structure and powder X-ray diffraction.

***Tuesday, Aug 22<sup>nd</sup> 2017***

***04:00 PM (Tea/Coffee at 03:45 PM)***

***Auditorium, TIFR-H (FReT-B)***