

Department of Chemistry

Webinar on “Luminescent Metal Nanoclusters: Spectroscopic Signatures and Applications”

By *Prof. Saptarshi Mukherjee*, Department of Chemistry, IISER Bhopal,

Email: saptarshi@iiserb.ac.in



Date	Time	Webinar link
26/09/2020 (Saturday)	03:00 pm	meet.google.com/vij-xijo-vwq

Abstract: Metal nanoclusters (NCs) have attracted a lot of research attention of late, primarily due to their advantage of exhibiting size dependent optical properties, better water solubility, biocompatibility, and low toxicity. In my talk I shall discuss some of the spectroscopic signatures of metal NCs (with emphasis on Cu NCs). Also, how these NCs can serve as a nanothermometer, specific metal ion sensors, nuclear membrane markers, bio-sensors etc. will be discussed.

All are cordially invited to attend the webinar