

## **Seminar**

### **Routes to Detect Band Topology in Quantum Materials**

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Topology, a mathematical concept, has recently become a popular and truly transdisciplinary topic encompassing condensed matter physics, solid state chemistry, biology and material science. In this talk, I will shed light on how to detect the band topology induced quantum phenomena in quantum materials. Specifically, I will discuss theoretical protocols to identify the celebrated chiral anomaly in condensed matter platforms. Additionally, I will present a new way to observe elusive chiral magnetic effect in non-centrosymmetric Weyl semimetal.

***Tuesday, Oct 10<sup>th</sup> 2023***

***4:00 PM (Tea / Coffee 3.45 PM)***

***Auditorium, TIFR-H***