

## **Seminar**

### **Manoeuvring Majoranas in 1D systems**

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We will chart out the characteristics of Majorana fermions emergent in one-dimensional condensed matter systems. We will also discuss some methods of detecting such Majorana bound states (MZMs) and some ongoing work implementing these concepts. For a particular system which can support Kramers pairs of MZMs, we will study the effect of weak disorder with the help of renormalization group equations. If time permits, we will show how we can count MZMs for a system having chiral symmetry.

***Thursday, Apr 13<sup>th</sup> 2017***

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

***Seminar Hall, TCIS***