



Department of  
Theoretical Physics

# Tata-Infosys Lecture Series

## Solving topological sectors of 3d SCFTs

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Date / Time : 22<sup>nd</sup> Jan , 2019  
11.30 am

Venue: A-304, TIFR



3d superconformal field theories with  $N = 4$  supersymmetry have two topological sectors, one associated with the Higgs branch and one with the Coulomb branch. I will explain how these sectors are defined and I will describe their properties as well as a method to compute any correlation functions in these sectors for 3d  $N=4$  gauge theories with charged matter.