

Seminar

Quantum spin liquids and candidate materials

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Quantum spin liquids are spin systems which show no magnetic ordering till lowest temperatures due to quantum fluctuations and frustrated magnetic interactions. These systems have interesting low energy excitations and topological ground states. I will first give a general introduction to quantum spin liquid systems and then briefly discuss the particular cases of pyrochlore lattice YbTO and Kitaev-Heisenberg model for RuCl_3 .

Thursday, Sep 14th 2017

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

Auditorium, TIFR-H (FReT-B)