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TATA INSTITUTE OF FUNDAMENTAL RESEARCH

ICTS Seminar

Title : Subsystem Symmetry Protected Topological Order

Speaker : Shivaji Sondhi, Princeton University, USA

Date : Tuesday, August 28, 2018

Time : 11:30 AM

Venue : Emmy Noether Seminar Room, ICTS Campus, Bangalore

Abstract : I will review the basics of subsystem symmetries which interpolate between local gauge invariance and global symmetries. Then I will describe some recent work introducing a new set of phases which are generalizations of symmetry protected topologically ordered phases or SPTs to protection by subsystem symmetries.