

ICTS Seminar

- Title : Exact Solutions of 2d Supersymmetric Gauge Theories
- Speaker : Abhijit Gadde, Institute for Advanced Study, USA
- Date : Wednesday, February 18, 2015
- Time : 2:00 p.m.
- Venue : ICTS Seminar Room, IISc Campus, Bangalore
- Abstract : We study the dynamics of two-dimensional non-abelian gauge theories with $N=(0,2)$ supersymmetry that include the supersymmetric QCD and its generalizations. Multiple theories of this class exhibit identical physics at low energies. Interestingly, as it turns out, the constraints imposed by two dimensional conformal symmetry along with modular invariance are sufficient to completely solve for the low energy physics.