

ICTS Colloquium

- Title** : Hundred years of Fundamental Physics and a Crisis
- Speaker** : G Rajasekaran, Institute of Mathematical Sciences, Chennai
- Date** : Monday, August 8, 2016
- Time** : 3:00 pm
- Venue** : Emmy Noether Seminar Room, ICTS Campus, Bangalore
- Abstract** : One hundred years of Fundamental Physics have culminated in a theory called Standard Model of High Energy Physics. This theory is now known to be the basis of almost ALL OF KNOWN PHYSICS except gravity. Although the discovery of the Higgs Boson in 2012 has established this theory, gravitational force has been left out. The energy scale of quantum gravity is 16 orders of magnitude higher than the presently accessible TeV energies. This is a Crisis in Fundamental Physics that can be met only by the discovery of new principles of acceleration. The talk will highlight this theme.