ICTS-String Theory Seminar

Title : On 2d CFT with One Critical Exponent

Speaker : Sunil Mukhi, Indian Institute of Science Education and Research, Pune

Date : Friday, June 28, 2019

Time : 4:00 PM

Venue : Emmy Noether Seminar Room, ICTS Campus, Bangalore

Abstract : I will describe recent results on a complete classification of characters for 2d Rational CFT with one critical exponent (two characters) satisfying the constraints of modular invariance and positivity of degeneracies. The existence of modular characters does not however imply that a corresponding CFT exists. Hence, I will provide explicit constructions of around a hundred new CFT with central charges between 24 and 32 in this class.