# ICTS-String Theory Seminar

Title : The Analytic functional Bootstrap: in CFTs with boundaries and global symmetries

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Date : Thursday, August 22 , 2019

Time : 4:00 PM

Venue : Emmy Noether Seminar Room, ICTS Campus, Bangalore

Abstract : I will talk about the functional approach to Conformal bootstrap. Analytic functionals provide a bootstrap basis, that is built on the analytic understanding of a CFT. This method has a direct connection to the Mellin/Polyakov bootstrap, and fixes the so-called "Polynomial ambiguity" that limits the applicability of the latter. I will explain this for the case of Boundary CFT-s, where we have two different spectrum of operators to fix. I will demonstrate the working with an example. I will also briefly discuss about an ongoing work on O(N) models.