



Department of
Theoretical Physics

THE QUANTUM SPACETIME SEMINAR SERIES

Conformal Bootstrap in Mellin space and loops in AdS

Kausik Ghosh

(IISc, Bangalore)

Date : March 15, 2019

Time : 02.30 pm

Venue: A-304, TIFR



I would begin my talk by showing how calculations in conformal bootstrap problems simplify significantly in Mellin space and we also learn new things more transparently. Then I would compare the usual bootstrap with Polyakov Mellin approach to get some intuitions about contact terms. At the end I would discuss very briefly what we are trying at present. I would also talk about fixing AdS Loops using CFT data.