



ICTS

INTERNATIONAL
CENTRE *for*
THEORETICAL
SCIENCES

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

ICTS-String Theory Seminar

- Title : Free fields from AdS
- Speaker : Rajesh Gopakumar, ICTS - TIFR, Bangalore
- Date : Thursday, August 1 , 2019
- Time : 4:00 PM
- Venue : Emmy Noether Seminar Room, ICTS Campus, Bangalore
- Abstract : I will describe recent work in which a concrete and solvable world sheet dual for the tensionless limit (small radius limit) of string theory on $AdS_3 \times S^3 \times T^4$ is proposed. We consider the background with one unit of NS-NS flux ("k=1") and we find strong evidence that it is dual to the free symmetric product orbifold CFT on T^4 . Thus one has an example of a stringy AdS/CFT duality where both sides are amenable to analytic control.