



Department of
Theoretical Physics

Tata-Infosys Lecture Series

Holography from Permutations

Robert de Mello Koch
(University of Witwatersrand,
South Africa)

Date / Time :
3rd Lecture : 15th March 2019,
11.30 am

Venue: A-304, TIFR



This talk reviews applications of the symmetric group to Yang-Mills theories. Specifically, we describe how to count and construct gauge invariant operators and then compute their correlation functions, we describe methods to count and construct the complete set of Feynman graphs contributing at a given order in perturbation theory and we describe how to count and construct primary operators in free field theories.