Contribution ID: **15**   Type: **not specified**

On three point functions in SU(2)-sector at strong coupling

Friday 30 August 2013 16:00 (1 hour)

I will talk about my ongoing (almost finished) project about correlation functions of three non-BPS heavy operators in the SU(2)-sector in N=4 SYM
at strong coupling. The computation is done by evaluating the area and the contributions of the vertex operators of the string worldsheet in AdS_3 \times S^3 using integrability. I will describe the basic idea and an outline of our method, and show partial results. If time permits, I will also mention the application of our method to the classical limit of DOZZ 3-pnt functions in Liouville theory.

Presenter: Mr KOMATSU, Shota (University of Tokyo)