# SEMPARIS – Séminaires en région parisienne

http ://string.lpthe.jussieu.fr/semparis/

## Seminar of the theory group of APC

**Mardi 13 Mars 2018, 14 :00**
APC, 483 A - Malevitch
Domaines : hep-th

Titre : *Revisiting the infrared physics of particles of arbitrary spin*

Orateur : **Andrea Campoleoni ( ETH Zurich )**

Résumé : *After a brief overview of the recent developments relating different aspects of the infrared physics of spin-1 and spin-2 particles, I will revisit Weinberg's constraints on the S-matrix of massless higher-spin particles from the viewpoint of asymptotic symmetries in flat space. I will also discuss the hints that this analysis provides on possible higher-spin extensions of the BMS symmetry.*