



Contribution ID: 17

Type: **Gong-show talk**

Double copy perspective on asymptotic symmetries

Tuesday, 20 December 2022 15:20 (10 minutes)

The double copy (DC) correspondence provides an interesting relation between gravity and gauge theories. Strongly supported in the context of amplitudes, its Lagrangian counterpart has been partially investigated, for which the DC field is described through a convolution. Using this definition, we explore the possibility of extending the correspondence to asymptotic symmetries for the $N=0$ supergravity multiplet, discussing some main technical issues and proposing a possible identification of supertranslations in terms of gauge components.

Presenter: Mr ROMOLI, Matteo (Università di Roma Tre)

Session Classification: Gong show