

## Invited Speaker

**Name:** Geoffrey Compère

**Affiliation:** Université Libre de Bruxelles

**Title:** Centerless BMS4 charge algebra and (A)dS uplift

**Abstract:** The infrared properties of gravity uncovered in recent years have highlighted the role of BMS symmetries in relationship to memory effects and graviton soft theorems in asymptotically flat spacetimes. In this talk, I will explain how the BMS algebra acts as canonical charges at null infinity. I will indicate why it leads to a candidate angular momentum distinct from the usual prescription. Finally, I will describe how to uplift the BMS group to (anti-)de Sitter spacetimes once one allows energy flux to leak through its asymptotic boundary.