

The Many Facets of Poisson-Lie T-duality

Monday, 3 June 2019 12:00 (1 hour)

Poisson-Lie T-duality was originally introduced to identify the dynamics of closed strings probing different target spaces. But nowadays it also has become a crucial ingredient in the construction of integrable, two-dimensional sigma-models. After reviewing this intriguing connection from a worldsheet perspective, I will switch to the target space. There we are going to see that Poisson-Lie T-duality naturally appears in the context of gauged SUGRAs and consistent truncations which help to construct new AdS vacua.

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Session Classification: Seminar