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# RIND seminar on Mathematical Physics and String Theory

Feb. 6, 2023 at 4 p.m. c.t.  
Munich, Theresienstr. 37A, R. 348

Joint seminar series on Mathematical Physics and String Theory

Renann Lipinski Jusinkas  
Prague

## **Asymmetrically twisted strings**

In this talk I will present a worldsheet model obtained from "twisting" the target space CFT of conventional string theory. The physical spectrum becomes finite and corresponds to the massless spectrum of closed strings plus a single massive level of the open string. The underlying idea is to explore the field/string theory interface in both directions. On one hand, the goal is to generate effective field theories describing massive higher spins using worldsheet methods. Conversely, we may try to use field theory methods to obtain a systematic description of string scattering amplitudes using field theory methods.

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