Sommerfeld Theory Colloquium

Wednesday, 15th June 2022
at 16.15 h

Prof. Stefan Theisen
(AEI Golm)

Scattering in Liouville Theory

After reviewing the relevant features of Liouville Theory, I will describe the scattering problem. This will be first solved semi-classically. From the generating functional of semi-classical scattering amplitudes we construct, via Legendre transformation, a one-dimensional non-local classical action which, when quantized, reproduces the quantum S-matrix of two-dimensional Liouville Theory.

A348, Theresienstr. 37 and via ZOOM

Dieter Lüst and Slava Mukhanov