

## S-matrix bootstrap revisited

*Wednesday, 14 March 2018 12:30 (30 minutes)*

Inspired by the recent success of the numerical approach to the conformal bootstrap, we revisit the S-matrix bootstrap program. We shall explain how to obtain analytic bounds on the interaction strength in 1+1 QFT. In higher dimensions, we propose a numerical algorithm that seems to converge to optimal bounds.

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**Session Classification:** BSM and QCD