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Bootstrapping the half-BPS line defect CFT in N=4 SYM at strong coupling

Wednesday, July 6, 2022 2:30 PM (1 hour)

In this talk I will present how the 1d CFT defined by the half-BPS Wilson line in planar N=4 super Yang-Mills can be solved in a perturbative expansion around strong coupling using analytic bootstrap methods. I will also comment on how the results obtained in this way reproduce the available data from integrability-based methods. The talk is based on joint work with Pietro Ferrero.

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