

## CFT1/QFT2: massless scattering and bulk RG flows

*Thursday, 13 June 2024 11:30 (1 hour)*

In this talk we discuss how it is possible to study QFTs in AdS2 (or 2d BCFTs), and in particular their flat space limit, by accurately bootstrapping 1d CFTs.

We also show how combining crossing with locality allows one not only to reconstruct bulk scattering but also local operators and their correlation functions at all scales, and recover their flat space form.

We discuss the physical meaning of these results, their limitations, and their relation to bounds on CFT/QFT data.

Along the way we explain how both the 1d (single correlator) crossing equation and the associated bulk operator reconstruction problem are now essentially solved.

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