## Eurostrings 2022, Lyon



ID de Contribution: 37

Type: Non spécifié

## **Gluon scattering in AdS from CFT**

I will present a class of recently computed holographic correlators between half-BPS operators in a vast array of SCFTs with non-maximal superconformal symmetry in dimensions d=3,4,5,6. Via AdS/CFT, these four-point functions are dual to gluon scattering amplitudes in AdS. Exploiting the notion of MRV limit I will show that, at tree level, all such correlators are completely fixed by symmetries and consistency conditions. Our results encode a wealth of novel CFT data and exhibit various emergent structures, including Parisi-Sourlas supersymmetry, hidden conformal symmetry and color-kinematics duality.

## Type of contribution

Contributed Talk or Poster

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Classification de Session: Posters

Classification de thématique: Posters