



ID de Contribution: 119

Type: **Discussion session**

## Conformal Field Theories near an Edge

*vendredi 28 mai 2021 10:00 (1 heure)*

Critical systems with a boundary are important for various phenomenological, theoretical and even experimental applications. In this case, the formalism of Boundary CFT and the Conformal Bootstrap has led to a firm theoretical framework to study this scenario.

Less explored is the case of systems with two intersecting boundaries, which form a co-dimension 2 edge. I will review some old results by Cardy in the framework of the epsilon expansion, and present a recent Bootstrap formulation of this setup which defines this class of systems non-perturbatively.

I will finish by pointing out some open problems that can potentially be addressed in the Bootstrap framework.

**Orateur:** ANTUNES, António (University of Porto)