

# SEMPARIS – Séminaires en région parisienne

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## Séminaire commun LPTENS/LPTHE

**Mardi 15 Janvier 2019, 11 :30**

LPTENS, LPTENS library

Domaines : hep-th

Titre : *The Bootstrap Program for Defect CFT*

Orateur : **Pedro Liendo** ( DESY )

Résumé : *Extended objects or "defects" are of fundamental importance in CFT, examples include boundaries, interfaces, and surface defects, and also Wilson and 't Hooft lines in gauge theories. In this talk we will give an overview of the bootstrap program applied to defect CFTs. We will present a version of crossing symmetry analogous to crossing symmetry for four-point functions in bulk CFTs, and explain how to constrain theories with it. Established results will be discussed, and also some open problems.*

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