## Renormalization group flows for defects

Costas Bachas\*1

<sup>1</sup>Laboratoire de Physique Théorique de l'ENS (LPTENS) − CNRS : UMR8549, Université Pierre et Marie Curie (UPMC) - Paris VI, École normale supérieure [ENS] - Paris − 24 rue Lhomond, 75231 Paris CEDEX 05, France

## Abstract

Defects are omnipresent in quantum field theories. They exhibit a rich pattern of renormalization group flows which are either induced from the RG flow of the bulk theory, or they are independent if the bulk theory is conformal. I will discuss recent results in the study of such RG flows both in two and in four spacetime dimensions.

<sup>\*</sup>Speaker