

CLUB DE MATEMÁTICAS Y FÍSICA

Martes, 21 de febrero de 2012

11:00 h., **Aula Naranja** (ICMat, Campus de Cantoblanco)

Ioannis Papadimitriou

IFT

A proof of the a-theorem in four
dimensions

Resumen:

One of the fundamental questions about quantum field theory is whether the Renormalization Group flow is reversible. Namely, if there exist two conformal field theories A , B such that one can flow from A to B but also from B to A .

The answer in two-dimensional field theories has been long known to be negative, but the corresponding result in four-dimensional field theories was lacking until recently.

Actividad Conjunta ICMAT-IFT