

Joint CQSE and CASTS Seminar

Weekly Seminar
Dec. 12, 2014 (Friday)

TIME Dec. 12, 14:30 ~ 15:30
TITLE Conformal or confining? From the Higgs to three-dimensional QED
SPEAKER Prof. Benjamin Svetitsky
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PLACE Rm716, CCMS & New Physics Building, NTU

Abstract

A gauge theory either confines charges or it doesn't. If it doesn't then it is most likely conformal in the infrared. This has been explored extensively for gauge theories of interest for models of composite Higgs bosons. QED in three dimensions is another theory, useful in condensed matter physics, where the same issue arises.

