Contribution ID: 107

Type: Poster

The resummation of large logarithms at subleading power in loop-induced processes

One kind of the large logarithm at subleading power appears in the loop-induced processes. In the prosses of Higgs boson dedcay H -> $\gamma\gamma$ via a bottom quark loop, we have developed a method with soft-collinear effective theory to extract and resum these large logarithms.

Primary authors: Prof. 王, 健 (山东大学); 张, 大江 (Shandong University)
Presenter: 张, 大江 (Shandong University)
Session Classification: 分会场一

Track Classification: TeV 物理和超出标准模型新物理