

ASP2014

Report of Abstracts

Abstract ID : **114**

Statistics for physicists

Abstract content

Status: The lectures of the last school further developed. Begins with basic distribution theory, through to curve fitting and parameter estimation using max likelihood estimation, going on to hypothesis testing more generally with standard distributions (Chi², F-test) then onto generalised distributions (toys) with defined statistical estimators, using the example of Higgs exclusion / discovery. Several of ROOT tutorials included.

Summary

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Status: SUBMITTED

Submitted by **MUANZA, Steve Guy** on **Sunday 03 August 2014**