Contribution ID: **120**   Type: **Exercise**

Data Analysis - exercises

Friday 9 September 2022 15:00 (1 hour)

There will be 3 sets of exercises covering basic properties of PDFs and Monte Carlo generators, Maximum Likelihood fit, and Hypothesis testing. Students will be given realistic but simplified problems where key concepts from statistics need to be applied in order to provide scientific interpretation of data. Each set of exercises consists of 5 problems that will help guide the student. Data is provided in a simple text file and can be analysed with any programming language that offers libraries for statistical analysis (Python or C++ are recommended).

Summary

Presenter: SCULAC, Toni (University of Split)

Track Classification: Physics Computing