

Session Program

22-26 Nov 2021

**Computational Tools for High Energy Physics
and Cosmology**

General tools

IP2I, Lyon
Institut de Physique des 2 Infinis (IP2I) Lyon, France

Friday 26 November

09:00

General tools

Session | **Location:** IP2I, Lyon, Institut de Physique des 2 Infinis (IP2I) Lyon, France | **Convener:** Tomas Gonzalo

09:00–09:30 **Review on Statistical Tools and Samplers**

Speaker

Will Handley

09:30–09:50

Nested sampling for frequentist computation: fast estimation of small p-values

Speaker

Andrew Fowlie

09:50–10:10 **MARTY**

Speaker

Grégoire Uhlich

10:10–10:40 **Review on EFT Tools**

Speaker

Ilaria Brivio

10:40–11:10 **Break**

11:10–11:40 **GUM and GAMBIT**

Speaker

Anders Kvellestad

11:40–12:00 **scikinC: a tool for deploying machine learning as a binaries**

Speaker

Lucio Anderlini

12:00–12:20 **FlexibleDecay: An automated calculator of scalar decay widths**

Speaker

Wojciech Kotlarski

12:20–12:40

NPointFunctions: a calculator of amplitudes and observables in FlexibleSUSY

Speaker

Uladimir Khasianeovich

12:50