

## Session Program

2-6 Nov 2020



## Tools for High Energy Physics and Cosmology

### *General tools*

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

# Friday 6 November

09:00

## General tools

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

09:00–09:20 **GAMBIT**

**Speaker**

Tomas Gonzalo

09:20–09:40 **MARTY: A C++ framework automating theoretical calculations in BSM**

**Speaker**

Grégoire Uhlich

09:40–10:00 **GM2calc**

**Speaker**

Dominik Stoeckinger

10:00–10:20 **PyR@TE 3**

**Speaker**

Lohan Sartore

10:20–10:40 **Automatic Differentiation for error analysis**

**Speaker**

Alberto Ramos Martinez

10:40–11:00 **NuTools for the LHC and Beyond**

**Speaker**

Richard Ruiz

11:00–11:20 **SingularPhasespace and Helicity Recycling**

**Speaker**

Kiran Ostrolenk

11:20–11:40 **SMEFT and background fields**

**Speaker**

Tyler Corbett

11:40–12:00 **SMEFT Fitting and One-Loop Matching**

**Speaker**

Tevong You

12:50