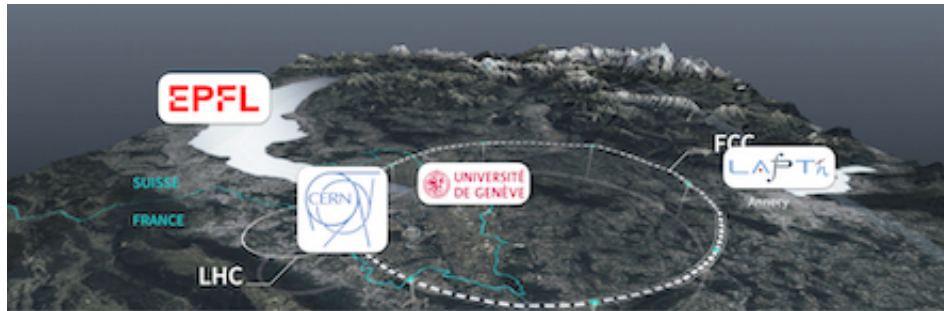


# CERN-Annecy-Geneva-EPFL (CAGE) BSM Workshop



## Report of Contributions

Contribution ID: 1

Type: **not specified**

Coffee

Contribution ID: 2

Type: **not specified**

# Automating Beyond the Standard Model Phenomenology

*Tuesday 13 February 2024 11:00 (30 minutes)*

New physics beyond the Standard Model (SM) is needed to address open questions within the SM or to explain tensions between SM predictions and experimental data. Any new physics model, however, generally also affects the predictions of a large number of well-measured observables that must be taken into account as constraints.

In this talk I will discuss how the SM Effective Field Theory (SMEFT) can be used to simplify the phenomenology of new physics models and how to constrain them in an automated way. I will present an implementation of this method using the public open source physics codes flavio, wilson, and smelli.

**Presenter:** STANGL, Peter (CERN)

Contribution ID: 3

Type: **not specified**

# Electroweak baryogenesis and the composite cousins of the Higgs

*Tuesday 13 February 2024 13:00 (30 minutes)*

**Presenter:** EKHTERACHIAN, Majid (EPFL - Ecole Polytechnique Federale Lausanne (CH))

Contribution ID: 4

Type: **not specified**

## Dark Matter from SU(N) Confinement

*Tuesday 13 February 2024 13:45 (30 minutes)*

**Presenter:** LIU, Di (LAPTh)

Contribution ID: 5

Type: **not specified**

## Talk

*Tuesday 13 February 2024 14:45 (30 minutes)*

**Presenter:** PERRONE, Davide (Universite de Geneve (CH))

Contribution ID: 6

Type: **not specified**

**Coffee**

Contribution ID: 7

Type: **not specified**

**Lunch**



Contribution ID: 8

Type: **not specified**

# Welcome

*Tuesday 13 February 2024 10:50 (10 minutes)*

Contribution ID: 9

Type: **not specified**

## **Reminder: FCC Information Meeting, Main Auditorium**

*Tuesday 13 February 2024 15:30 (1h 30m)*