

# **CMS Heavy flavour tagging workshop 2018**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Welcome

*Wednesday 11 April 2018 09:00 (10 minutes)*

**Presenters:** MARCHESINI, Ivan (Vrije Universiteit Brussel (BE)); SKOVPEN, Kirill (Vrije Universiteit Brussel (BE))

Contribution ID: 2

Type: **not specified**

## Flavour tagging at CMS (25+10)

*Wednesday 11 April 2018 09:45 (35 minutes)*

**Presenters:** SCODELLARO, Luca (Universidad de Cantabria (ES)); SCODELLARO, Luca (Universidad de Cantabria (ES))

**Session Classification:** General

Contribution ID: 3

Type: **not specified**

## **Wbb + jets production at NLO QCD (20+10)**

*Wednesday 11 April 2018 14:45 (30 minutes)*

**Presenter:** SOTNIKOV, Vasily (Albert-Ludwigs-Universität Freiburg (DE))

**Session Classification:** Simulation / Theory

Contribution ID: 4

Type: **not specified**

## **Event generators at CMS (25+10)**

*Wednesday 11 April 2018 15:15 (35 minutes)*

**Presenter:** YAZGAN, Efe (Chinese Academy of Sciences (CN))

**Session Classification:** Simulation / Theory

Contribution ID: 5

Type: **not specified**

## Heavy flavour in Herwig (30+10)

**Session Classification:** Simulation / Theory

Contribution ID: 6

Type: **not specified**

## **Heavy flavour in Sherpa (25+10)**

**Presenter:** Dr CHAHAL, Gurpreet Singh (Imperial College London and Durham University (GB))

**Session Classification:** Simulation / Theory

Contribution ID: 7

Type: **not specified**

## **Simulation of b production (POWHEG) (25+10)**

*Wednesday 11 April 2018 17:20 (35 minutes)*

**Presenter:** NASON, Paolo (Universita & INFN, Milano-Bicocca (IT))

**Session Classification:** Simulation / Theory



Contribution ID: 8

Type: **not specified**

## **Status of EvtGen (25+10)**

*Wednesday 11 April 2018 17:55 (35 minutes)*

**Presenter:** LATHAM, Thomas Edward (University of Warwick (GB))

**Session Classification:** Simulation / Theory

Contribution ID: 14

Type: **not specified**

## **Jet substructure observables in ttbar (20+10)**

*Wednesday 11 April 2018 16:20 (30 minutes)*

**Presenter:** SEIDEL, Markus (CERN)

**Session Classification:** Simulation / Theory

Contribution ID: 23

Type: **not specified**

## **Status of the ttH searches at ATLAS and CMS (20+10)**

*Wednesday 11 April 2018 13:45 (30 minutes)*

**Presenter:** LUO, Wuming (Ohio State University (US))

**Session Classification:** General

Contribution ID: 26

Type: **not specified**

## Study of gluon splitting (20+10)

*Wednesday 11 April 2018 16:50 (30 minutes)*

**Presenter:** PERROZZI, Luca (Eidgenoessische Technische Hochschule Zuerich (ETHZ) (CH))

**Session Classification:** Simulation / Theory

Contribution ID: 28

Type: **not specified**

## **Flavour tagging at ATLAS (25+10)**

*Wednesday 11 April 2018 09:10 (35 minutes)*

**Presenter:** SAIMPERT, Matthias (Deutsches Elektronen-Synchrotron (DE))

**Session Classification:** General

Contribution ID: 31

Type: **not specified**

## **Measurement of associated Z+charm production at CMS (20+10)**

*Wednesday 11 April 2018 14:15 (30 minutes)*

**Presenter:** FERNANDEZ RAMOS, Juan Pablo (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

**Session Classification:** General

Contribution ID: **32**

Type: **not specified**

## **Search for H->cc at ATLAS (20+10)**

*Wednesday 11 April 2018 11:25 (30 minutes)*

**Presenter:** CHISHOLM, Andrew Stephen (CERN)

**Session Classification:** General

Contribution ID: 35

Type: **not specified**

## Flavour tagging at LHCb (25+10)

*Wednesday 11 April 2018 10:50 (35 minutes)*

**Presenter:** SESTINI, Lorenzo (Universita e INFN, Padova (IT))

**Session Classification:** General