

# **Milan Christmas Meeting 2018**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **Machine learning determination of dynamical parameters: The Ising model case**

*Thursday, December 20, 2018 5:30 PM (30 minutes)*

**Presenter:** GIANI, Tommaso

Contribution ID: 2

Type: **not specified**

## **Constraints on the quartic Higgs coupling at future colliders (@Aula Polvani)**

*Thursday, December 20, 2018 11:00 AM (30 minutes)*

**Presenter:** ROTTOLI, Luca (University of Milan-Bicocca)

Contribution ID: 3

Type: **not specified**

## **Small-x resummation: past, present and future**

*Thursday, December 20, 2018 2:30 PM (30 minutes)*

**Presenter:** BONVINI, Marco (INFN, Rome 1 Unit)

Contribution ID: 4

Type: **not specified**

## Renormalons in top-mass observables

*Friday, December 21, 2018 3:00 PM (30 minutes)*

**Presenter:** FERRARIO RAVASIO, Silvia (University of Milan - Bicocca)

Contribution ID: 5

Type: **not specified**

## **Trilinear Higgs self coupling from single Higgs production (and similar ideas)**

*Thursday, December 20, 2018 4:30 PM (30 minutes)*

**Presenter:** PAGANI, Davide (TUM - Garching bei München)

Contribution ID: 6

Type: **not specified**

## **Local subtraction of infrared singularities with MadNkLO**

*Friday, December 21, 2018 9:30 AM (30 minutes)*

**Presenter:** LIONETTI, Simone (ETHZ - ETH Zurich)

Contribution ID: 7

Type: **not specified**

## **Algebraic multi-loop calculations using finite fields and data flow graphs**

*Friday, December 21, 2018 11:00 AM (30 minutes)*

**Presenter:** PERARO, Tiziano



Contribution ID: 8

Type: **not specified**

## **Developments in scattering amplitudes for three-jet production at NNLO**

*Friday, December 21, 2018 2:00 PM (30 minutes)*

**Presenter:** ZOIA, Simone (Max Planck Institute for Physics)

Contribution ID: 9

Type: **not specified**

## **Top-Yukawa contributions to bbH production at the LHC**

*Thursday, December 20, 2018 3:30 PM (30 minutes)*

**Presenter:** ZARO, Marco (Centre National de la Recherche Scientifique (FR))

Contribution ID: **10**

Type: **not specified**

## **Higher-order predictions on diboson production within the MATRIX framework**

*Thursday, December 20, 2018 9:30 AM (30 minutes)*

**Presenter:** KALLWEIT, Stefan (CERN)

Contribution ID: 11

Type: **not specified**

## **Simultaneous extraction of $\alpha_s$ and $m_t$ from differential top data (@Aula Polvani)**

*Thursday, December 20, 2018 12:00 PM (30 minutes)*

**Presenter:** LIM, Matthew

Contribution ID: 12

Type: **not specified**

## **Searching for light dark matter at the intensity frontier**

*Friday, December 21, 2018 12:00 PM (30 minutes)*

**Presenter:** FRUGIUELE, Claudia (Fermilab)

Contribution ID: 14

Type: **not specified**

## **GOLD, a new Language for Big Data**

*Friday, December 21, 2018 4:30 PM (30 minutes)*

**Presenter:** MUSELLI, Claudio (INFN-Milan Section/University of Milan)