

LHCTheory ERC meeting

Report of Contributions

Contribution ID: 0

Type: **not specified**

ATLAS MC strategies and work for Run II

Wednesday, 22 March 2017 09:30 (30 minutes)

Presenter: MARSHALL, Zack

Contribution ID: 1

Type: **not specified**

CMS MC strategies and work for Run II

Wednesday, 22 March 2017 10:00 (30 minutes)

Presenter: BENDAVID, Josh

Contribution ID: 2

Type: **not specified**

MC Needs for Run III

Wednesday, 22 March 2017 12:00 (30 minutes)

Presenter: LUCA, Perrozzi

Contribution ID: 3

Type: **not specified**

New features and developments in MG5aMC

Wednesday, 22 March 2017 11:00 (30 minutes)

Presenter: HIRSCHI, Valentin

Contribution ID: 4

Type: **not specified**

Discussion

Contribution ID: 5

Type: **not specified**

$t\bar{t}$: Combining NNLO QCD with EW corrections

Wednesday, 22 March 2017 14:30 (30 minutes)

Presenter: PAGANI, Davide

Contribution ID: 6

Type: **not specified**

Higgs self coupling determination from single Higgs production

Wednesday, 22 March 2017 15:00 (30 minutes)

Presenter: SHIVAJI, Ambresh (UCLouvain)

Contribution ID: 7

Type: **not specified**

MC for e+e- colliders

Friday, 24 March 2017 09:30 (15 minutes)

Presenter: MAWATARI, Kentarou

Contribution ID: 8

Type: **not specified**

Top EFT at e+e- colliders

Friday, 24 March 2017 09:45 (30 minutes)

Presenter: DURIEUX, Gauthier

Contribution ID: 9

Type: **not specified**

DM tools : prospects and directions

Friday, 24 March 2017 10:45 (30 minutes)

Presenter: BACKOVIC, Mihailo

Contribution ID: **10**

Type: **not specified**

SM backgrounds for DM searches

Friday, 24 March 2017 11:30 (30 minutes)

Presenter: MANGANO, Michelangelo

Contribution ID: 11

Type: **not specified**

Status of the SMEFT at NLO implementation

Wednesday, 22 March 2017 16:00 (30 minutes)

Presenter: MIMASU, Ken

Contribution ID: 12

Type: **not specified**

Recent news from the four-dimensional universe

Thursday, 23 March 2017 09:00 (30 minutes)

Presenter: PITTAU, Roberto

Contribution ID: 14

Type: **not specified**

Recent progress on VH associated production at the LHC

Thursday, 23 March 2017 10:00 (30 minutes)

Presenter: TRAMONTANO, Francesco

Contribution ID: 15

Type: **not specified**

pp>H/A->tt at NLO in the EFT

Wednesday, 22 March 2017 17:00 (30 minutes)

Presenter: VRYONIDOU, Eleni

Contribution ID: 16

Type: **not specified**

MULTIJETS in the EFT

Wednesday, 22 March 2017 16:30 (30 minutes)

Presenter: TSINIKOS, Ioannis

Contribution ID: 17

Type: **not specified**

VV production at NNLO+NNLL

Thursday, 23 March 2017 11:00 (30 minutes)

Presenter: WIESEMANN, Marius

Contribution ID: **18**

Type: **not specified**

Anatomy of Zbb

Wednesday, 22 March 2017 14:00 (30 minutes)

Presenter: ZARO, Marco

Contribution ID: 19

Type: **not specified**

Status and future of NNLO computations

Thursday, 23 March 2017 12:00 (30 minutes)

Presenter: CAOLA, Fabrizio

Contribution ID: 20

Type: **not specified**

Status report on HH

Thursday, 23 March 2017 09:30 (30 minutes)

Presenter: BOROWKA, Sophia

Contribution ID: 21

Type: **not specified**

ggH in the EFT

Wednesday, 22 March 2017 17:30 (30 minutes)

Presenter: DEUTSCHMANN, Nicolas

Contribution ID: 22

Type: **not specified**

Colloquium : The future of particle physics

Thursday, 23 March 2017 16:00 (1h 30m)

Contribution ID: 23

Type: **not specified**

Group discussions

Contribution ID: 24

Type: **not specified**

Two-Loop Four-Gluon Amplitudes with the Numerical Unitarity Method

Thursday, 23 March 2017 11:30 (30 minutes)

Presenter: PAGE, Ben

Contribution ID: 25

Type: **not specified**

An overview of N=4 super Yang-Mills

Thursday, 23 March 2017 14:00 (30 minutes)

Presenter: PENANTE, Brenda

Contribution ID: 26

Type: **not specified**

Group Discussions

Contribution ID: 27

Type: **not specified**

Vector-Like Quarks: NLO QCD corrections and di-Higgs production

Friday, 24 March 2017 09:00 (30 minutes)

Presenter: SHAO, HuaSheng

Contribution ID: **28**

Type: **not specified**

Merging and matching with MG5aMC and Herwig 7

Wednesday, 22 March 2017 11:30 (30 minutes)

Presenter: PAPAEFSTATHIOU, Andreas

Contribution ID: 29

Type: **not specified**

Amplitudes

Thursday, 23 March 2017 14:30 (15 minutes)

Presenter: MITOV, Alex

Contribution ID: **30**

Type: **not specified**

Simplified models with Spin2- mediators

Friday, 24 March 2017 11:15 (15 minutes)

Presenter: KIMIKO, Yamashta (Grenoble)