

Madgraph School 2019 (India)

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome coffee

Monday 18 November 2019 09:00 (30 minutes)

Contribution ID: 2

Type: **not specified**

Introduction to collider physics

Monday 18 November 2019 09:30 (1 hour)

Presenters: MALTONI, Fabio (Universite Catholique de Louvain (BE)); MALTONI, Fabio (Universite Catholique de Louvain (UCL) (BE))

Contribution ID: 3

Type: **not specified**

From Lagrangians to events

Monday 18 November 2019 10:30 (1 hour)

Presenter: FUKS, Benjamin (Centre National de la Recherche Scientifique (FR))

Contribution ID: 4

Type: **not specified**

Introduction to Event Generation

Monday 18 November 2019 11:50 (1 hour)

Presenter: MATTELAER, Olivier (UCLouvain)

Contribution ID: 5

Type: **not specified**

Higgs Physics

Tuesday 19 November 2019 09:30 (1 hour)

Presenters: SHIVAJI, Ambresh (I); Dr SHIVAJI, Ambresh (UCL, Louvain-la-Neuve); Dr SHIVAJI, Ambresh (UCLouvain); SHIVAJI, Ambresh (Harish-Chandra Research Institute, India)

Contribution ID: 6

Type: **not specified**

Tutorial

Monday 18 November 2019 15:20 (3 hours)

Presenters: MAWATARI, Kentarou (Korea Institute for Advanced Study); Dr MAWATARI, Kentarou (Osaka U.)

Contribution ID: 7

Type: **not specified**

Review of the SM (EW)

Monday 18 November 2019 14:00 (1 hour)

Presenters: MALTONI, Fabio (Universite Catholique de Louvain (BE)); MALTONI, Fabio (Universite Catholique de Louvain (UCL) (BE))

Contribution ID: **8**

Type: **not specified**

Basics of Parton Showers

Tuesday 19 November 2019 10:30 (1 hour)

Presenter: GELLERSEN, Leif (Lund University)

Contribution ID: 9

Type: **not specified**

BSM Neutrinos Physics I

Thursday 21 November 2019 11:50 (1 hour)

Presenters: RUIZ, Richard (Universite Catholique de Louvain); RUIZ, Richard (Fermi National Accelerator Lab. (US)); RUIZ, Richard (University of Pittsburgh)

Contribution ID: **10**

Type: **not specified**

Loop Computation

Presenter: MATTELAER, Olivier (UCLouvain)

Contribution ID: **11**

Type: **not specified**

Tutorial

Tuesday 19 November 2019 15:20 (3 hours)

Contribution ID: 12

Type: **not specified**

Top Physics

Wednesday 20 November 2019 09:30 (1 hour)

Presenter: SHIVAJI, Ambresh (Harish-Chandra Research Institute, India)

Contribution ID: 13

Type: **not specified**

Precise predictions: Next to leading order II

Wednesday 20 November 2019 11:50 (1 hour)

Presenter: SHAO, Huasheng (Centre National de la Recherche Scientifique (FR))

Contribution ID: 14

Type: **not specified**

Searching for new physics with effective field theories I

Thursday 21 November 2019 09:30 (1 hour)

Presenter: MIMASU, Ken (Université Catholique de Louvain)

Contribution ID: 15

Type: **not specified**

Excursion to a beach: Mahabalipuram

Thursday 21 November 2019 14:00 (5h 30m)

Contribution ID: **16**

Type: **not specified**

Searching for Dark Matter at colliders

Friday 22 November 2019 11:50 (1 hour)

Presenter: MAWATARI, Kentarou (Korea Institute for Advanced Study)

Contribution ID: 17

Type: **not specified**

BSM Neutrinos Physics II

Friday 22 November 2019 10:30 (1 hour)

Presenters: RUIZ, Richard Efrain (Fermi National Accelerator Lab. (Fermilab)-Unknown-Unknown); RUIZ, Richard (Fermi National Accelerator Lab. (US)); RUIZ, Richard (University of Pittsburgh); RUIZ, Richard (Universite Catholique de Louvain)

Contribution ID: **18**

Type: **not specified**

Precise predictions: Next to leading order I

Wednesday 20 November 2019 10:30 (1 hour)

Presenter: SHAO, Huasheng (Centre National de la Recherche Scientifique (FR))

Contribution ID: 19

Type: **not specified**

Matching/Merging fixed order calculations with parton showers

Tuesday 19 November 2019 14:00 (1 hour)

Presenter: GELLERSEN, Leif (Lund University)

Contribution ID: 20

Type: **not specified**

Designing Analyses and Recasting

Tuesday 19 November 2019 11:50 (1 hour)

Presenter: FUKS, Benjamin (Centre National de la Recherche Scientifique (FR))

Contribution ID: **21**

Type: **not specified**

Tutorial

Wednesday 20 November 2019 14:00 (1h 10m)

Presenter: Dr MAWATARI, Kentarou (Osaka U.)

Contribution ID: 22

Type: **not specified**

Precise predictions: Next to leading order III

Thursday 21 November 2019 10:30 (1 hour)

Presenter: SHAO, Huasheng (Centre National de la Recherche Scientifique (FR))

Contribution ID: 23

Type: **not specified**

Searching for new physics with effective field theories II

Friday 22 November 2019 09:30 (1 hour)

Presenter: MIMASU, Ken (Université Catholique de Louvain)

Contribution ID: 24

Type: **not specified**

Phycis Colloquium : The top and Higgs windows onto new physics

Wednesday 20 November 2019 15:30 (1h 30m)

Presenter: MALTONI, Fabio (Universite Catholique de Louvain (UCL) (BE))

Contribution ID: 25

Type: **not specified**

Tutorial

Wednesday 20 November 2019 17:00 (1h 30m)

Presenters: MAWATARI, Kentarou (Korea Institute for Advanced Study); Dr MAWATARI, Kentarou (Osaka U.)

Contribution ID: 26

Type: **not specified**

Dinner

Thursday 21 November 2019 19:30 (2 hours)