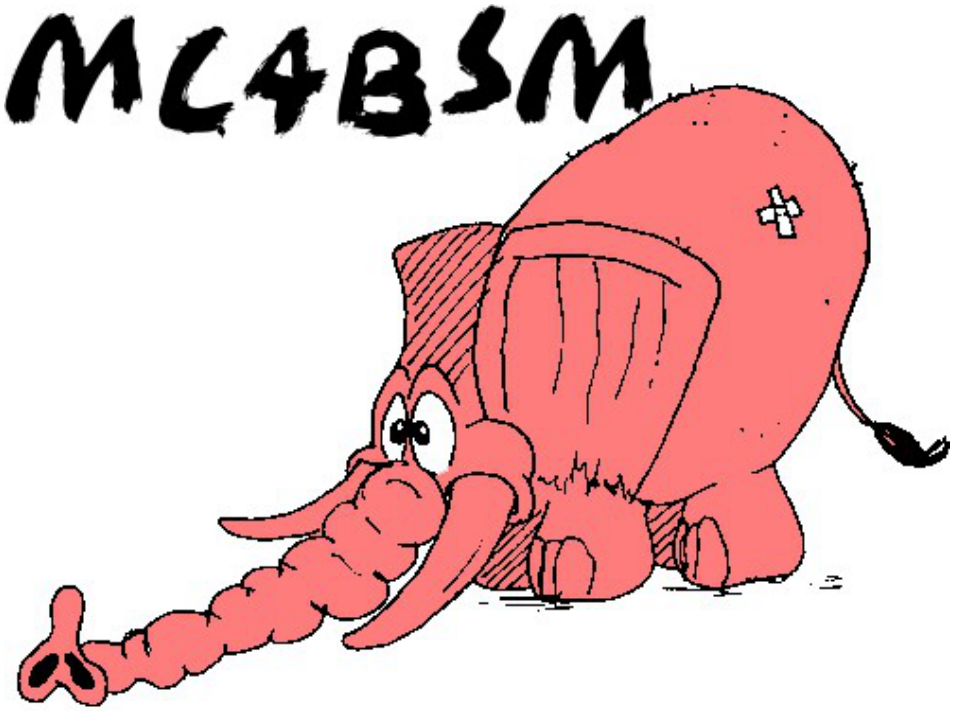
MC4BSM



Report of Contributions

Contribution ID: **1** Type: **not specified**

BSM in generators: ATLAS perspective

Contribution ID: **2** Type: **not specified**

BSM in generators: ATLAS perspective

Thursday, 19 April 2018 09:00 (30 minutes)

Presenter: YALLUP, David

Session Classification: Status of Generators - Inputs

Contribution ID: **3** Type: **not specified**

BSM in generators: CMS perspective

Thursday, 19 April 2018 09:30 (30 minutes)

Presenter: MALIK, Sarah (Imperial College)

Session Classification: Status of Generators - Inputs

Contribution ID: **4** Type: **not specified**

Flavour Anomalies

Thursday, 19 April 2018 10:00 (30 minutes)

Presenter: JAEGER, Sebastian (Sussex)

Session Classification: Status of Generators - Inputs

Contribution ID: **5** Type: **not specified**

Feynrules News

Friday, 20 April 2018 11:00 (20 minutes)

Presenter: DEGRANDE, Celine (CERN)

Session Classification: Generators II

Contribution ID: **6** Type: **not specified**

CalcHEP

Thursday, 19 April 2018 12:00 (30 minutes)

Summary

Presenter: BELYAEV, Sasha (Southampton)

Session Classification: Status of Generators - Tools for Calculations

Contribution ID: **7** Type: **not specified**

Micromegas

Thursday, 19 April 2018 12:30 (30 minutes)

Presenter: BELANGER, Genevieve (Annecy)

Session Classification: Status of Generators - Tools for Calculations

Contribution ID: **8** Type: **not specified**

Herwig

Friday, 20 April 2018 09:00 (30 minutes)

Presenter: RICHARDSON, Peter (CERN & IPPP)

Session Classification: Generators I

Contribution ID: **9** Type: **not specified**

Madgraph 5

Friday, 20 April 2018 09:30 (30 minutes)

Presenter: SHAO, Hua-Sheng

Session Classification: Generators I

Contribution ID: **10** Type: **not specified**

Pythia

Friday, 20 April 2018 10:00 (30 minutes)

Presenter: DESAI, Nishita

Session Classification: Generators I

Contribution ID: **11** Type: **not specified**

Sherpa

Friday, 20 April 2018 11:20 (20 minutes)

Presenter: KUTTIMALAI, Silvan (SLAC)

Session Classification: Generators II

Contribution ID: **12** Type: **not specified**

Whizard

Friday, 20 April 2018 11:40 (30 minutes)

Presenter: REUTER, Juergen (DESY)

Session Classification: Generators II

Contribution ID: **13** Type: **not specified**

Higher Order Techniques

Friday, 20 April 2018 12:10 (30 minutes)

Presenter: PRESTEL, Stefan (FNAL)

Session Classification: Generators II

Contribution ID: **14** Type: **not specified**

CheckMate

Friday, 20 April 2018 14:30 (1 hour)

Presenter: ROLBIECKI, Krzysztof (Warsaw)

Session Classification: Hands-On Workshops

Contribution ID: **15** Type: **not specified**

Rivet and Contur

Friday, 20 April 2018 16:00 (1h 30m)

Presenters: BUCKLEY, Andy; BUTTERWROTH, Jon (UCL)

Session Classification: Hands-On Workshops

Contribution ID: **16** Type: **not specified**

Gambit

Friday, 20 April 2018 14:30 (1h 30m)

Presenter: BUCKLEY, Andy

Session Classification: Hands-On Workshops

Contribution ID: **17** Type: **not specified**

SModelS

Friday, 20 April 2018 15:30 (1 hour)

Presenter: KRAML, Sabine

Session Classification: Hands-On Workshops

Contribution ID: **18** Type: **not specified**

Anderson Localization and the Clockwork

Saturday, 21 April 2018 09:00 (30 minutes)

Presenter: SUTHERLAND, Dave (Santa Barbara)

Session Classification: Hot Topics in BSM Model Building I

Contribution ID: **19** Type: **not specified**

Relaxion

Saturday, 21 April 2018 09:30 (30 minutes)

Presenter: FUCHS, Elina

Session Classification: Hot Topics in BSM Model Building I

Contribution ID: **20** Type: **not specified**

The Twin Higgs and Neutral Naturalness

Saturday, 21 April 2018 10:00 (30 minutes)

Summary

Presenter: VERHAAREN, Christopher

Session Classification: Hot Topics in BSM Model Building I

Contribution ID: **21** Type: **not specified**

Supersymmetric neutral naturalness: the Tripled Top

Saturday, 21 April 2018 11:00 (30 minutes)

Summary

Presenter: SALVIONI, Ennio

Session Classification: Hot Topics in BSM Model Building I

Contribution ID: **22** Type: **not specified**

Composite Higgs

Saturday, 21 April 2018 11:30 (30 minutes)

Presenter: GROEBER, Ramona (IPPP)

Session Classification: Hot Topics in BSM Model Building I

Contribution ID: **23** Type: **not specified**

Higgsplosion

Saturday, 21 April 2018 12:00 (30 minutes)

Presenter: SCHOLTZ, Jakub (IPPP)

Session Classification: Hot Topics in BSM Model Building I

Contribution ID: **24** Type: **not specified**

(In)elastic (boosted) dark matter searches and Monte Carlo simulation

Wednesday, 18 April 2018 11:00 (30 minutes)

Presenter: KIM, Doojin (CERN)

Session Classification: Dark Matter and Fixed Target

Contribution ID: **25** Type: **not specified**

Simulation of a gas-target directional time projection chamber

Wednesday, 18 April 2018 11:30 (30 minutes)

Presenter: JAEGLE, Igal (University of Florida)

Session Classification: Dark Matter and Fixed Target

Contribution ID: **26** Type: **not specified**

Monte Carlo Simulations for Dark Matter Searches in BDX

Wednesday, 18 April 2018 12:00 (30 minutes)

Presenter: CELENTANO, Andrea (INFN)

Session Classification: Dark Matter and Fixed Target

Contribution ID: **27** Type: **not specified**

Boosted DM in GENIE

Wednesday, 18 April 2018 14:00 (30 minutes)

Presenter: BERGER, Joshua (University of Wisconsin)

Session Classification: Dark Matter and Fixed Target

Contribution ID: **28** Type: **not specified**

Monte Carlo Simulations in XENON

Wednesday, 18 April 2018 14:30 (30 minutes)

Presenter: MORA, Knut (Stockholm University)

Session Classification: Dark Matter and Fixed Target

Contribution ID: **29** Type: **not specified**

Monte Carlo Simulations in DarkSide

Wednesday, 18 April 2018 15:00 (30 minutes)

Presenter: AGNES, Paolo (University of Houston)

Session Classification: Dark Matter and Fixed Target

Contribution ID: **30** Type: **not specified**

Surrogate Models for Direct Dark Matter Detection

Wednesday, 18 April 2018 16:00 (30 minutes)

Presenter: CHEEK, Andrew (Institute of Particle Physics Phenomenology)

Session Classification: Dark Matter and Fixed Target

Contribution ID: **31** Type: **not specified**

Monte Carlo Simulations in CUORE

Wednesday, 18 April 2018 16:30 (30 minutes)

Presenter: SAKAI, Michinari (UCLA)

Session Classification: Dark Matter and Fixed Target

Contribution ID: **32** Type: **not specified**

Monte Carlo Simulations in SuperCDMS

Wednesday, 18 April 2018 17:00 (30 minutes)

Presenter: LOPEZ ASAMAR, Elias (Durham University)

Session Classification: Dark Matter and Fixed Target

Contribution ID: **33** Type: **not specified**

The latest from MadDM + a tutorial

Wednesday, 18 April 2018 17:30 (45 minutes)

Presenter: AMBROGI, Federico (Université catholique de Louvain)

Session Classification: Dark Matter and Fixed Target

Contribution ID: **34** Type: **not specified**

Precision physic at colliders: introducing reSolve

Saturday, 21 April 2018 14:00 (30 minutes)

Presenter: CORADESCHI, Francesco

Session Classification: The future

Contribution ID: **35** Type: **not specified**

On the behaviour of composite vectors breaking lepton flavour universality

Saturday, 21 April 2018 14:30 (30 minutes)

Presenter: CHALA, Michael

Session Classification: The future

Contribution ID: **36** Type: **not specified**

Event Generation with Artificial Neural Nets

Saturday, 21 April 2018 15:00 (30 minutes)

Presenter: KLIMEK, Matthew

Session Classification: The future

Contribution ID: **37** Type: **not specified**

MadAnalysis

Friday, 20 April 2018 16:30 (1 hour)

Presenter: SENGUPTA, Dipan

Session Classification: Hands-On Workshops

Contribution ID: **38** Type: **not specified**

Precision on the top mass and vacuum stability

Thursday, 19 April 2018 10:30 (30 minutes)

Presenter: BEZRUKOV, Fedor

Session Classification: Status of Generators - Inputs