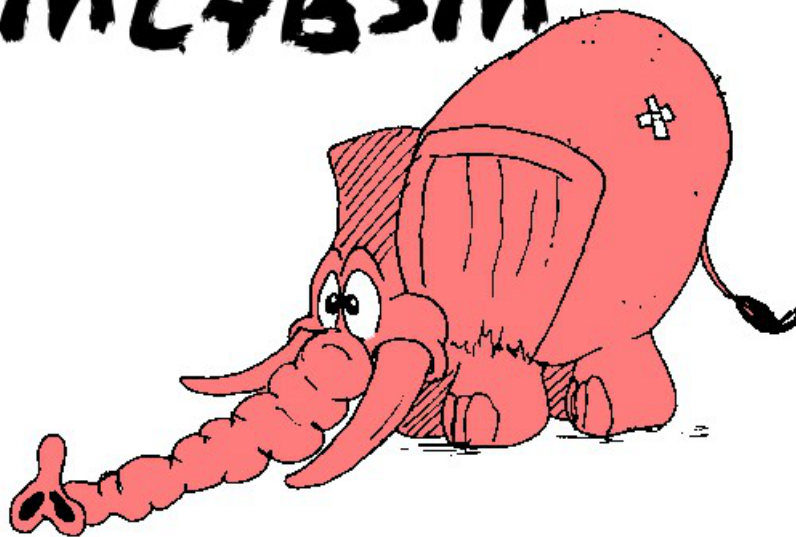


Session Program

18-21 Apr 2018

MC4BSM



MC4BSM

Dark Matter and Fixed Target

IPPP Durham, OC218
Durham University - Durham DH1 3LE - UK

Wednesday 18 April

11:00

Dark Matter and Fixed Target: morning session

Session | **Location:** IPPP Durham, OC218, Durham University - Durham DH1 3LE - UK | **Convener:** David G. Cerdeño

11:00-11:30

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

Speaker

Doojin Kim

11:30-12:00

Simulation of a gas-target directional time projection chamber

Speaker

Igal Jaegle

12:00-12:30

Monte Carlo Simulations for Dark Matter Searches in BDX

Speaker

Andrea Celentano

12:30

14:00

Dark Matter and Fixed Target: afternoon session

Session | **Location:** IPPP Durham, OC218, Durham University - Durham DH1 3LE - UK | **Conveners:** Doojin Kim, David G. Cerdeño

14:00-14:30

Boosted DM in GENIE

Speaker

Joshua Berger

14:30-15:00

Monte Carlo Simulations in XENON

Speaker

Knut Mora

15:00-15:30

Monte Carlo Simulations in DarkSide

Speaker

Paolo Agnes

15:30

16:00

Dark Matter and Fixed Target: evening session

Session | **Location:** IPPP Durham, OC218, Durham University - Durham DH1 3LE - UK | **Conveners:** Joshua Berger, David G. Cerdeño

16:00-16:30

Surrogate Models for Direct Dark Matter Detection

Speaker

Andrew Cheek

16:30-17:00

Monte Carlo Simulations in CUORE

Speaker

Michinari Sakai

17:00-17:30

Monte Carlo Simulations in SuperCDMS

18:15

Speaker

Elias Lopez Asamar

17:30-18:15

The latest from MadDM + a tutorial

Speaker

Federico Ambrogi