

The Future of Searches for Invisible Particles



Report of Contributions

Contribution ID: 1

Type: **not specified**

Extra dimensions are dark

Thursday 14 December 2017 09:15 (45 minutes)

Presenter: RIZZO, Thomas

Session Classification: Session 1

Contribution ID: 2

Type: **not specified**

Looking for the WIMP next door

Thursday 14 December 2017 10:00 (45 minutes)

Presenter: SHELTON, Julia (Jessie) (Rutgers University)

Session Classification: Session 1

Contribution ID: 5

Type: **not specified**

Precise Higgs mass prediction in SUSY and non-SUSY models

Thursday 14 December 2017 11:15 (45 minutes)

Presenter: VOIGT, Alexander (RWTH Aachen)

Session Classification: Session 2

Contribution ID: 6

Type: **not specified**

Simplified dark matter models with two Higgs doublets

Thursday 14 December 2017 12:00 (30 minutes)

Presenter: HAISCH, Uli

Session Classification: Session 2

Contribution ID: 7

Type: **not specified**

Anomalies in B-decays: Flavour physics and High-pT frontier

Thursday 14 December 2017 14:00 (45 minutes)

Presenter: GRELJO, Admir (Johannes Gutenberg-Universität Mainz)

Session Classification: Session 3

Contribution ID: 8

Type: **not specified**

Dark sectors at fixed target experiments

Thursday 14 December 2017 14:45 (45 minutes)

Presenter: GORI, Stefania (Perimeter Institute/Cincinnati University)

Session Classification: Session 3

Contribution ID: 9

Type: **not specified**

FASER: ForwArd Search ExpeRiment at the LHC

Thursday 14 December 2017 16:00 (20 minutes)

Presenter: KLING, Felix (University of California, Irvine)

Session Classification: Session 4

Contribution ID: **10**

Type: **not specified**

Clockwork dark matter

Thursday 14 December 2017 16:20 (20 minutes)

Presenter: Dr TERESI, Daniele (Université Libre de Bruxelles)

Session Classification: Session 4

Contribution ID: **11**

Type: **not specified**

Dark matter in electroweak single top production

Thursday 14 December 2017 16:40 (20 minutes)

Presenter: THOMPSON, Jennifer (ITP Heidelberg)

Session Classification: Session 4

Contribution ID: 12

Type: **not specified**

Pinning down Uncertainties in Cosmic Ray Propagation

Thursday 14 December 2017 17:00 (20 minutes)

Presenter: REINERT, Annika

Session Classification: Session 4

Contribution ID: 13

Type: **not specified**

CMB constraints on primordial black holes

Thursday 14 December 2017 17:20 (20 minutes)

Presenter: STÖCKER, Patrick

Session Classification: Session 4

Contribution ID: 14

Type: **not specified**

Gravitational waves and dark matter from phase transitions in the Early Universe

Thursday 14 December 2017 17:40 (20 minutes)

Presenter: BREITBACH, Moritz

Session Classification: Session 4

Contribution ID: 15

Type: **not specified**

Displaced Invisibles: Simplified Models and S-channel production

Friday 15 December 2017 09:00 (45 minutes)

Presenter: MCCULLOUGH, Matthew Philip (CERN)

Session Classification: Session 5

Contribution ID: 16

Type: **not specified**

Dark Matter genesis beyond the WIMP paradigm: Conversion-driven freeze-out

Friday 15 December 2017 09:45 (45 minutes)

Presenter: HEISIG, Jan (RWTH Aachen University)

Session Classification: Session 5

Contribution ID: 17

Type: **not specified**

Searching for ALPs in Exotic Higgs Decays

Friday 15 December 2017 11:00 (45 minutes)

Presenter: BAUER, Martin (Heidelberg University)

Session Classification: Session 6

Contribution ID: **18**

Type: **not specified**

Higgs sectors beyond leading order: perturbativity, matching and vacuum stability

Friday 15 December 2017 11:45 (45 minutes)

Presenter: Dr KRAUSS, Manuel E. (Bonn University)

Session Classification: Session 6

Contribution ID: **19**

Type: **not specified**

Direct Detection of sub-GeV Dark Matter

Friday 15 December 2017 14:00 (45 minutes)

Presenter: ESSIG, Rouven (Stony Brook University)

Session Classification: Session 7

Contribution ID: 20

Type: **not specified**

Gravity Mediated Dark Matter Annihilation

Friday 15 December 2017 14:45 (45 minutes)

Presenter: HEWETT, JoAnne (SLAC)

Session Classification: Session 7