

**Third Sydney meeting**

# **Report of Contributions**

Contribution ID: **15**

Type: **not specified**

**EFT**

*Friday 19 February 2021 09:00 (1 hour)*

**Presenter:** COY, Rupert (ULB)

**Session Classification:** Lectures

Contribution ID: 16

Type: **not specified**

## **10 crazy ways to detect dark matter that physicists DON'T want you to know about (shocking ☒)**

*Friday 19 February 2021 10:10 (1 hour)*

**Presenter:** O'HARE, Ciaran (Sydney)

**Session Classification:** Lectures

Contribution ID: 17

Type: **not specified**

## ☒ This hot particle ghosted the entire galaxy! ☒

*Friday 19 February 2021 11:50 (1 hour)*

**Presenter:** UPADHYE, Amol (UNSW-Sydney)

**Session Classification:** Lectures

Contribution ID: 18

Type: **not specified**

## **You Won't Believe What This PhD Student Did to Alienate the Primordial Black Hole Community (Prank Gone Wrong!) ☒☒☒☒**

*Friday 19 February 2021 14:20 (20 minutes)*

**Presenter:** PICKER, Zachary (The University of Sydney)

**Session Classification:** Student Talks

Contribution ID: 19

Type: **not specified**

## **Buyers beware! This dark matter candidate has strings attached (guess which one) ☒☒**

*Friday 19 February 2021 14:40 (20 minutes)*

**Presenter:** PIEROBON, Giovanni (University of New South Wales)

**Session Classification:** Student Talks

Contribution ID: 20

Type: **not specified**

## A Parisian style guide to adding some chic to your neutrino simulations ☒☒☒☒

*Friday 19 February 2021 15:00 (20 minutes)*

**Presenter:** CHEN, Joe (The University of New South Wales)

**Session Classification:** Student Talks

Contribution ID: 21

Type: **not specified**

# **This one weird trick could solve the sigma8 tension! (You will never guess what!) ☒☒☒**

*Friday 19 February 2021 15:20 (20 minutes)*

**Presenter:** MOSBECH, Markus Rasmussen (The University of Sydney)

**Session Classification:** Student Talks



Contribution ID: 22

Type: **not specified**

## B $\rightarrow$ $\pi^0$ $\ell$ $\nu$ with Hadronic Tagging at the Belle II Experiment

*Friday 19 February 2021 16:30 (20 minutes)*

**Presenter:** TOUTOUNJI, Nadia

**Session Classification:** Student Talks

Contribution ID: 23

Type: **not specified**

## **I Used an Awesome Technique to Analyse the CMB Data (You won't believe Result 3!) ☒☒**

*Friday 19 February 2021 16:50 (20 minutes)*

**Presenter:** WONS, Julius (University of New South Wales)

**Session Classification:** Student Talks

Contribution ID: 24

Type: **not specified**

## Phenomenology of Neutrino Masses: Singly-Charged Scalar Singlets

*Friday 19 February 2021 17:30 (20 minutes)*

**Presenter:** FELKL, Tobias (University of New South Wales)

**Session Classification:** Student Talks

Contribution ID: 25

Type: **not specified**

## **Kayne West Reveals Why You Should Stop Using WIMPs as Dark Matter Candidates and Use Primordial Black Holes Instead! (OMFG!) ☒ ☒**

*Friday 19 February 2021 17:10 (20 minutes)*

**Presenter:** KIM, Yunho (The University of Sydney)

**Session Classification:** Student Talks

Contribution ID: 26

Type: **not specified**

## **How cosmologists get funding for their space lasers (EXPOSED!) ☒☒☒☒**

*Friday 19 February 2021 15:40 (20 minutes)*

**Presenter:** MALHOTRA, Ameet (The University of New South Wales (UNSW))

**Session Classification:** Student Talks

Contribution ID: **28**

Type: **not specified**

## Closing ☒☒☒

*Friday 19 February 2021 17:50 (10 minutes)*

**Session Classification:** Student Talks