

# **DMUK Meeting - KCL**

## **Report of Contributions**

Contribution ID: 15

Type: **not specified**

## Direct dark matter detection and GAIA

*Thursday, April 11, 2019 10:10 AM (25 minutes)*

**Primary author:** O'HARE, Ciaran

**Presenter:** O'HARE, Ciaran (Universidad de Zaragoza)

Contribution ID: 16

Type: **not specified**

## **MeV scale Dark Matter and the Relic Neutrino Decoupling**

*Thursday, April 11, 2019 10:35 AM (25 minutes)*

**Primary author:** ESCUDERO, Miguel

**Presenter:** ESCUDERO, Miguel (King's College London)

Contribution ID: 17

Type: **not specified**

## **Results from the DEAP-3600 Dark Matter Experiment**

*Thursday, April 11, 2019 11:30 AM (25 minutes)*

**Primary author:** KEMP, Ashlea

**Presenter:** KEMP, Ashlea (RHUL)

Contribution ID: **18**

Type: **not specified**

## **Status of the LZ Dark Matter Search Experiment**

*Thursday, April 11, 2019 11:55 AM (25 minutes)*

**Primary author:** UTKU, Umit (University College London)

**Presenter:** UTKU, Umit (University College London)

Contribution ID: **19**

Type: **not specified**

## **The Darkside-20k Experiment**

*Thursday, April 11, 2019 12:20 PM (25 minutes)*

**Primary author:** PRICE, Darren

**Presenter:** PRICE, Darren (University of Manchester)

Contribution ID: 20

Type: **not specified**

## Quantum Sensors for Fundamental Physics

*Thursday, April 11, 2019 1:45 PM (25 minutes)*

**Primary author:** BAILEY, Ian

**Presenters:** BAILEY, Ian; BAILEY, Ian (Lancaster University / Cockcroft Institute of Accelerator Science and Technology)

Contribution ID: 21

Type: **not specified**

## **AION - Dark Matter searches with Atom Interferometry**

*Thursday, April 11, 2019 2:10 PM (25 minutes)*

**Primary author:** COLEMAN, Jonathan

**Presenter:** COLEMAN, Jonathan (University of Liverpool)



Contribution ID: 22

Type: **not specified**

## The FASER Experiment

*Thursday, April 11, 2019 2:35 PM (25 minutes)*

**Primary author:** TROJANOWSKI, Sebastian

**Presenter:** TROJANOWSKI, Sebastian (University of Sheffield)

Contribution ID: 23

Type: **not specified**

## **An update on GAMBIT**

*Thursday, April 11, 2019 3:00 PM (25 minutes)*

**Primary author:** BLOOR, Sanjay

**Presenter:** BLOOR, Sanjay (Imperial College London)

Contribution ID: 24

Type: **not specified**

## **An update from the Boulby Underground Laboratory**

*Thursday, April 11, 2019 4:00 PM (25 minutes)*

**Primary author:** SCOVELL, Paul

**Presenter:** SCOVELL, Paul (STFC Boulby)

Contribution ID: 25

Type: **not specified**

## Directionality with CYGNUS

*Thursday, April 11, 2019 4:25 PM (25 minutes)*

**Primary author:** SPOONER, Neil (University of Sheffield)

**Presenter:** SPOONER, Neil (University of Sheffield)

Contribution ID: 26

Type: **not specified**

## **The NEWS-G Dark Matter Experiment**

*Thursday, April 11, 2019 4:50 PM (25 minutes)*

**Primary author:** KATSIOULAS, Ioannis

**Presenter:** KATSIOULAS, Ioannis (University of Birmingham)

Contribution ID: 27

Type: **not specified**

## **Ultra-pure Copper Electroplating for Background Reduction in NEWS-G**

*Thursday, April 11, 2019 5:15 PM (15 minutes)*

**Primary author:** KNIGHTS, Patrick (CEA Saclay, France / University of Paris-Sud, France / University of Birmingham, UK)

**Presenter:** KNIGHTS, Patrick (CEA Saclay, France / University of Paris-Sud, France / University of Birmingham, UK)

Contribution ID: **28**

Type: **not specified**

## **Dinner**