

XLZD@Boulby Open Community Meeting

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Tuesday 4 July 2023 10:00 (10 minutes)

Presenter: Prof. ARAUJO, Henrique (Imperial College London)

Session Classification: Session 1 (morning)

Contribution ID: 2

Type: **not specified**

XLZD international programme [50'+10']

Tuesday 4 July 2023 10:10 (1 hour)

Presenters: Prof. PALLADINO, Kimberly (University of Oxford); Prof. SCHUMANN, Marc (Albert Ludwigs Universitaet Freiburg (DE))

Session Classification: Session 1 (morning)

Contribution ID: 3

Type: **not specified**

XLZD@Boulby and proposed UK programme [30'+10']

Tuesday 4 July 2023 11:10 (40 minutes)

Presenter: Prof. ARAUJO, Henrique (Imperial College London)

Session Classification: Session 1 (morning)

Contribution ID: 4

Type: **not specified**

Boulby Underground Laboratory development plan [25'+5']

Tuesday 4 July 2023 12:00 (30 minutes)

Presenters: Dr BURNS, Jon (STFC); Prof. PALING, Sean (STFC)

Session Classification: Session 1 (morning)

Contribution ID: 5

Type: **not specified**

Dark matter theory landscape and XLZD DM reach [30'+5']

Tuesday 4 July 2023 13:30 (35 minutes)

Presenter: Dr MCCABE, Christopher (King's College London)

Session Classification: Session 2 (early pm)

Contribution ID: 7

Type: **not specified**

XLZD double-beta decay reach [15'+5']

Tuesday 4 July 2023 14:05 (20 minutes)

Presenters: Dr LINDOTE, Alexandre (LIP); Dr AGOSTINI, Matteo (UCL)

Session Classification: Session 2 (early pm)

Contribution ID: 8

Type: **not specified**

XLZD neutrino physics capability (solar, supernovae, interaction physics) [15'+5']

Tuesday 4 July 2023 14:25 (20 minutes)

Presenter: Prof. BAUDIS, Laura (University of Zurich)

Session Classification: Session 2 (early pm)

Contribution ID: 9

Type: **not specified**

Backgrounds and rare nuclear decays capability [10'+5']

Tuesday 4 July 2023 14:45 (15 minutes)

Presenter: Dr COTTLE, Amy

Session Classification: Session 2 (early pm)

Contribution ID: **10**

Type: **not specified**

Introduction

Tuesday 4 July 2023 15:30 (10 minutes)

Presenter: Prof. ARAUJO, Henrique (Imperial College London)

Session Classification: Session 3 (late PM)

Contribution ID: 11

Type: **not specified**

Outer detector (WP2) [7'+3']

Tuesday 4 July 2023 15:40 (10 minutes)

Presenters: Dr SHAW, Sally (UCSB); BURDIN, Sergey (University of Liverpool (GB))

Session Classification: Session 3 (late PM)

Contribution ID: 12

Type: **not specified**

Cryostat (WP3) [7'+3']

Tuesday 4 July 2023 15:50 (10 minutes)

Presenter: Dr MAJEWSKI, Pawel (STFC/Rutherford Appleton Laboratory)

Session Classification: Session 3 (late PM)

Contribution ID: 13

Type: **not specified**

Xenon detector elements (WP4) [7'+3']

Tuesday 4 July 2023 16:00 (10 minutes)

Presenter: Prof. PALLADINO, Kimberly (University of Oxford)

Session Classification: Session 3 (late PM)

Contribution ID: 14

Type: **not specified**

Data centre and computing (WP5) [7'+3']

Tuesday 4 July 2023 16:10 (10 minutes)

Presenter: Dr BAUER, Daniela (Imperial College (GB))

Session Classification: Session 3 (late PM)

Contribution ID: 15

Type: **not specified**

Clean manufacture (WP6) [7'+3']

Tuesday 4 July 2023 16:20 (10 minutes)

Presenter: Dr DOBSON, Jim (King's College London)

Session Classification: Session 3 (late PM)

Contribution ID: 16

Type: **not specified**

Engineering and skills (WP7) [7'+3']

Tuesday 4 July 2023 16:30 (10 minutes)

Presenter: Prof. TOVEY, Daniel (University of Sheffield (GB))

Session Classification: Session 3 (late PM)

Contribution ID: 17

Type: **not specified**

Societal impact (WP8) [7'+3']

Tuesday 4 July 2023 16:40 (10 minutes)

Presenter: Prof. GHAG, Chamkaur

Session Classification: Session 3 (late PM)

Contribution ID: **18**

Type: **not specified**

STFC Particle Astrophysics Programme [10']

Tuesday 4 July 2023 11:50 (10 minutes)

Presenter: Dr PARKIN, Jamie (STFC)

Session Classification: Session 1 (morning)