

QMUL Weekly ATLAS Meeting

Report of Contributions

Contribution ID: 0

Type: **not specified**

L1 Calorimeter Trigger and Upgrade

Thursday 3 April 2025 10:00 (5 minutes)

Summary

Presenters: BONA, Marcella; BAINES, Sid (University of London (GB)); BLUMENSCHN, Ulla; RIZVI, Eram; HEATLEY, Nathan; VERGIS, Christos (University of London (GB)); PODDAR, Gitanjali (University of London (GB)); INGLIS, James (Queen Mary, University of London (GB))

Session Classification: Software Development and Commissioning

Contribution ID: 2

Type: **not specified**

ITk

Thursday 3 April 2025 10:05 (5 minutes)

Summary

Presenters: BEVAN, Adrian; ZENZ, Seth

Session Classification: Software Development and Commissioning

Contribution ID: 3

Type: **not specified**

Higgs Physics

Thursday 3 April 2025 10:30 (10 minutes)

Charged Higgs decay: $H \rightarrow h+W$
SM Higgs decay: $H \rightarrow \mu+\mu$, $H \rightarrow c\bar{c}$

Summary

Presenters: GAVIN, Alexander Joseph (University of London (GB)); Mr AVAD, Arnav Sunil (University of London (GB)); VERGIS, Christos (University of London (GB)); ZENZ, Seth; BAINES, Sid (University of London (GB)); BLUMENSCHNEIN, Ulla

Session Classification: Physics Analyses

Contribution ID: 5

Type: **not specified**

B Physics

Thursday 3 April 2025 10:40 (10 minutes)

R(K^*) Measurement

Summary

Presenters: BONA, Marcella (Queen Mary University of London (UK)); HEATLEY, Nathan (Université Paris-Saclay (FR))

Session Classification: Physics Analyses

Contribution ID: 7

Type: **not specified**

SUSY / DM

Thursday 3 April 2025 10:50 (5 minutes)

Dark Matter in Semi-visible Jets

Summary

Presenters: BONA, Marcella (Queen Mary University of London (UK)); VALJEE, Saashiv (University of London (GB))

Session Classification: Physics Analyses

Contribution ID: 8

Type: **not specified**

Any Other Business

Thursday 3 April 2025 10:55 (5 minutes)

Summary

Presenter: ALL

Session Classification: Physics Analyses

Contribution ID: 13

Type: **not specified**

Standard Model

Thursday 3 April 2025 10:20 (10 minutes)

High-mass Drell-Yan + EFT Interpretation
ML Approach to Unfolding
Measurement of Weak mixing angle

Summary

Presenters: ARNOLD, Alexander Philip (University of London (GB)); RIZVI, Eram Syed (Queen Mary, University of London); PODDAR, Gitanjali (University of London (GB)); INGLIS, James (Queen Mary, University of London (GB)); GHORBANIAN, Keanu (Queen Mary University of London); WARIS, Mohammad (University of London (GB))

Session Classification: Physics Analyses

Contribution ID: 14

Type: **not specified**

Tools for logging work

Thursday 3 April 2025 11:00 (5 minutes)

Presenter: BONA, Marcella (Queen Mary University of London (UK))