

# **UK community meeting on CMOS sensors for particle tracking**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## **Broad overview CMOS technologies (15+5)**

*Thursday 10 March 2016 09:00 (20 minutes)*

**Presenter:** DOPKE, Jens (STFC - Rutherford Appleton Lab. (GB))

**Session Classification:** Technology Overview

Contribution ID: 1

Type: **not specified**

## **HR-CMOS MAPS (15+5)**

*Thursday 10 March 2016 09:20 (20 minutes)*

**Presenter:** TURCHETTA, Renato (STFC - Rutherford Appleton Lab. (GB))

**Session Classification:** Technology Overview

Contribution ID: 2

Type: **not specified**

## **HV-CMOS (15+5)**

*Thursday 10 March 2016 09:40 (20 minutes)*

**Presenter:** VILELLA FIGUERAS, Eva (University of Liverpool (GB))

**Session Classification:** Technology Overview

Contribution ID: 3

Type: **not specified**

## Hybrid CMOS strip detectors (15+5)

*Thursday 10 March 2016 10:00 (20 minutes)*

**Presenters:** DOPKE, Jens (STFC - Rutherford Appleton Lab. (GB)); NICKERSON, Richard (University of Oxford (GB))

**Session Classification:** Technology Overview

Contribution ID: 4

Type: **not specified**

## **Hybrid CMOS pixel detectors (15+5)**

*Thursday 10 March 2016 10:20 (20 minutes)*

**Presenter:** BATES, Richard (University of Glasgow (GB))

**Session Classification:** Technology Overview

Contribution ID: 5

Type: **not specified**

## **CMOS in ALICE/STAR (15+5)**

*Thursday 10 March 2016 11:00 (20 minutes)*

**Presenter:** RIEDLER, Petra (CERN)

**Session Classification:** Current and Future Applications

Contribution ID: 6

Type: **not specified**

## **The Mupix CMOS tracker for Mu3e (15+5)**

*Thursday 10 March 2016 11:20 (20 minutes)*

**Presenter:** AUGUSTIN, Heiko Christian (Ruprecht-Karls-Universitaet Heidelberg (DE))

**Session Classification:** Current and Future Applications



Contribution ID: 7

Type: **not specified**

## **CMOS in hh colliders (15+5)**

*Thursday 10 March 2016 11:40 (20 minutes)*

**Presenter:** ALLPORT, Philip Patrick (University of Birmingham (UK))

**Session Classification:** Current and Future Applications

Contribution ID: 8

Type: **not specified**

## **MAPS for calorimetry in e+e- (15+5)**

*Thursday 10 March 2016 12:00 (20 minutes)*

**Presenters:** WINTER, Alasdair; WATSON, Nigel (University of Birmingham (GB)); WATSON, Nigel (University of Birmingham (GB))

**Session Classification:** Current and Future Applications

Contribution ID: 9

Type: **not specified**

## **CMOS options for LHC-b phase 3 upgrade (10+2)**

**Presenter:** BOWCOCK, Themis (University of Liverpool (GB))

Contribution ID: **10**

Type: **not specified**

## **ARIADNE: camera readout for liquid or bi-phase Argon detectors (12+3)**

*Thursday 10 March 2016 12:20 (15 minutes)*

**Presenter:** MAVROKORIDIS, k (University of Liverpool (GB))

**Session Classification:** Current and Future Applications

Contribution ID: **11**

Type: **not specified**

## • **CMOS for tracking in ILC/CLICdp (15+5)**

*Thursday 10 March 2016 13:30 (20 minutes)*

**Presenter:** GOLDSTEIN, Joel (University of Bristol (GB))

**Session Classification:** Current and Future Applications

Contribution ID: 12

Type: **not specified**

## • **RD50 and industrial contacts (15+5)**

*Thursday 10 March 2016 13:50 (20 minutes)*

**Presenter:** CASSE, Gianluigi (University of Liverpool (GB))

**Session Classification:** The Wider Context

Contribution ID: 13

Type: **not specified**

## **CMOS applications for charged particle detection (nuclear/mass spectroscopy/medical) (15+5)**

*Thursday 10 March 2016 14:10 (20 minutes)*

**Presenter:** MUENSTERMANN, Daniel (Lancaster University (GB))

**Session Classification:** The Wider Context

Contribution ID: 14

Type: **not specified**

## **CMOS applications for photon detection (x-rays/photon/astronomy) (15+5)**

*Thursday 10 March 2016 14:30 (20 minutes)*

**Presenter:** BLUE, Andrew (University of Glasgow (GB))

**Session Classification:** The Wider Context



Contribution ID: 15

Type: **not specified**

## Discussion

*Thursday 10 March 2016 15:10 (1h 20m)*

**Presenters:** Prof. BORTOLETTO, Daniela (University of Oxford (GB)); WILSON, Fergus (STFC - Rutherford Appleton Lab. (GB)); VOSSEBELD, Joost (University of Liverpool (GB)); ALLPORT, Philip Patrick (University of Birmingham (UK))

**Session Classification:** Discussion

Contribution ID: 16

Type: **not specified**

# discussion