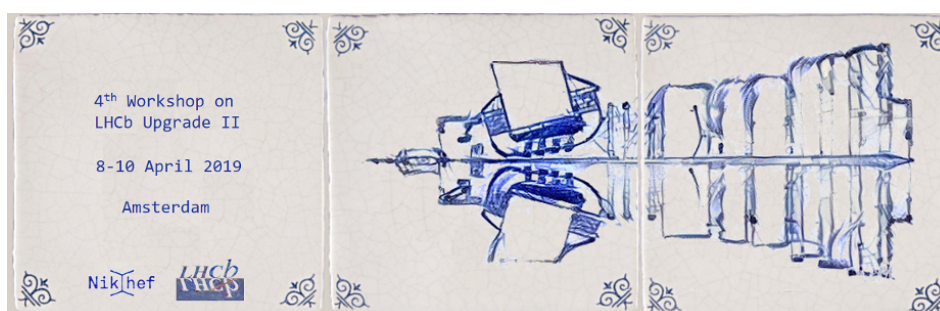


4th Workshop on LHCb Upgrade II



Report of Contributions

Contribution ID: 1

Type: **not specified**

Registration and coffee

Monday 8 April 2019 12:00 (1 hour)

Contribution ID: 2

Type: **not specified**

Lunch

Contribution ID: 3

Type: **not specified**

Session 3

Contribution ID: 4

Type: **not specified**

Coffee

Contribution ID: 5

Type: **not specified**

Session 4

Contribution ID: 6

Type: **not specified**

Session 1

Contribution ID: 7

Type: **not specified**

Coffee

Contribution ID: 8

Type: **not specified**

Session 2

Contribution ID: 9

Type: **not specified**

Welcome and Introduction

Contribution ID: **10**

Type: **not specified**

Session 7

Contribution ID: **11**

Type: **not specified**

Lunch

Contribution ID: **12**

Type: **not specified**

Session 5

Contribution ID: **13**

Type: **not specified**

Free time

Contribution ID: **14**

Type: **not specified**

Workshop Dinner

Tuesday 9 April 2019 19:30 (2h 30m)

Contribution ID: 15

Type: **not specified**

Coffee

Contribution ID: **16**

Type: **not specified**

Session 6

Contribution ID: 17

Type: **not specified**

Coffee

Contribution ID: **18**

Type: **not specified**

Physics Summary

Wednesday 10 April 2019 11:00 (35 minutes)

Presenter: TUNING, Niels (Nikhef National institute for subatomic physics (NL))

Session Classification: Summary and Closing

Contribution ID: **19**

Type: **not specified**

Detector Summary

Wednesday 10 April 2019 11:40 (35 minutes)

Presenter: COLLINS, Paula (CERN)

Session Classification: Summary and Closing

Contribution ID: **20**

Type: **not specified**

Closing

Wednesday 10 April 2019 12:20 (10 minutes)

Session Classification: Summary and Closing

Contribution ID: **21**

Type: **not specified**

Welcome

Monday 8 April 2019 13:00 (15 minutes)

Presenter: BENTVELSEN, Stan (Nikhef National institute for subatomic physics (NL))

Session Classification: Welcome and Introduction

Contribution ID: 22

Type: **not specified**

Introduction to the Workshop

Monday 8 April 2019 13:15 (15 minutes)

Presenter: PARKES, Chris (University of Manchester (GB))

Session Classification: Welcome and Introduction

Contribution ID: 23

Type: **not specified**

Overview of the flavour elements of the HL-LHC physics workshop

Monday 8 April 2019 13:35 (25 minutes)

Presenter: MARTIN CAMALICH, Jorge (Inst. Astrophys. of Canary Islands (ES))

Session Classification: Physics overview and rare decays

Contribution ID: 24

Type: **not specified**

Rare decays and LFU tests at Upgrade II (Theory)

Monday 8 April 2019 14:05 (25 minutes)

Presenter: FUENTES-MARTIN, Javier (University of Zurich)

Session Classification: Physics overview and rare decays

Contribution ID: 25

Type: **not specified**

Rare decays and LFU tests at Upgrade II (LHCb)

Monday 8 April 2019 14:35 (20 minutes)

Presenter: ALVAREZ CARTELLE, Paula (Imperial College (GB))

Session Classification: Physics overview and rare decays

Contribution ID: 26

Type: **not specified**

Magnet side station

Monday 8 April 2019 15:30 (25 minutes)

Presenter: DA SILVA, Cesar Luiz (Los Alamos National Laboratory (US))

Session Classification: Tracking

Contribution ID: 27

Type: **not specified**

Mighty Tracker Silicon

Monday 8 April 2019 16:00 (20 minutes)

Presenter: NEEDHAM, Matthew David (The University of Edinburgh (GB))

Session Classification: Tracking

Contribution ID: **28**

Type: **not specified**

DMAPS sensors

Monday 8 April 2019 16:25 (20 minutes)

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

Session Classification: Tracking

Contribution ID: 29

Type: **not specified**

Sci Fi R&D for U2

Monday 8 April 2019 16:50 (20 minutes)

Presenter: LEVERINGTON, Blake (Ruprecht Karls Universitaet Heidelberg (DE))

Session Classification: Tracking

Contribution ID: 30

Type: **not specified**

Tracking System Optimisation

Monday 8 April 2019 17:15 (20 minutes)

Presenter: GRILLO, Lucia (University of Manchester (GB))

Session Classification: Tracking

Contribution ID: 31

Type: **not specified**

Tracking without CPUs

Monday 8 April 2019 17:40 (20 minutes)

Presenter: PUNZI, Giovanni (Universita & INFN Pisa (IT))

Session Classification: Tracking

Contribution ID: 32

Type: **not specified**

CP violation in Charm at Upgrade II (theory)

Tuesday 9 April 2019 08:45 (25 minutes)

Presenters: SILVESTRINI, Luca (INFN Rome); SILVESTRINI, Luca (Universita e INFN Roma Tre (IT))

Session Classification: Charm & Heavy ions

Contribution ID: 33

Type: **not specified**

CP violation in Charm at Upgrade II (LHCb)

Tuesday 9 April 2019 09:15 (20 minutes)

Presenter: DUFOUR, Laurent (CERN)

Session Classification: Charm & Heavy ions

Contribution ID: 34

Type: **not specified**

Heavy Ion physics in the HL-LHC era

Tuesday 9 April 2019 09:40 (25 minutes)

Presenter: MASSACRIER, Laure Marie (Centre National de la Recherche Scientifique (FR))

Session Classification: Charm & Heavy ions

Contribution ID: 35

Type: **not specified**

ECAL - requirements from simulation

Tuesday 9 April 2019 11:25 (25 minutes)

Presenter: Mr XU, Zehua (Tsinghua University (CN))

Session Classification: Calorimeter

Contribution ID: 36

Type: **not specified**

Future ECAL Upgrades and ongoing R&D

Tuesday 9 April 2019 10:40 (20 minutes)

Presenter: SCHOPPER, Andreas (CERN)

Session Classification: Calorimeter

Contribution ID: 37

Type: **not specified**

ECAL - testbeam results and simulation

Tuesday 9 April 2019 11:05 (15 minutes)

Presenter: MARTINAZZOLI, Loris (Universita & INFN, Milano-Bicocca (IT))

Session Classification: Calorimeter

Contribution ID: **38**

Type: **not specified**

Physics with an upgraded Calorimeter

Tuesday 9 April 2019 11:55 (20 minutes)

Presenter: AMHIS, Yasmine Sara (Centre National de la Recherche Scientifique (FR))

Session Classification: Calorimeter

Contribution ID: 39

Type: **not specified**

TORCH - low momentum PID

Tuesday 9 April 2019 14:00 (20 minutes)

Presenter: BLAKE, Thomas (University of Warwick)

Session Classification: Particle Identification

Contribution ID: 40

Type: **not specified**

TORCH Physics

Tuesday 9 April 2019 14:25 (20 minutes)

Presenter: HADAVIZADEH, Tom (University of Oxford (GB))

Session Classification: Particle Identification

Contribution ID: 41

Type: **not specified**

RICH Overview

Tuesday 9 April 2019 14:50 (20 minutes)

Presenter: FIORINI, Massimiliano (Universita e INFN, Ferrara (IT))

Session Classification: Particle Identification

Contribution ID: 42

Type: **not specified**

RICH timing requirements

Tuesday 9 April 2019 15:15 (20 minutes)

Presenter: KEIZER, Floris (University of Cambridge (GB))

Session Classification: Particle Identification

Contribution ID: 43

Type: **not specified**

Muon + muon shielding (U1b Review)

Tuesday 9 April 2019 15:40 (25 minutes)

Presenter: PALUTAN, Matteo (INFN e Laboratori Nazionali di Frascati (IT))

Session Classification: Particle Identification

Contribution ID: 44

Type: **not specified**

CP violation in beauty at Upgrade II (theory)

Tuesday 9 April 2019 16:40 (25 minutes)

Presenter: BLANKE, Monika (Karlsruhe Institute of Technology)

Session Classification: CP Violation and VELO

Contribution ID: 45

Type: **not specified**

CP violation in beauty at Upgrade II (experiment)

Tuesday 9 April 2019 17:10 (20 minutes)

Presenters: DORDEI, Francesca (Universita e INFN, Cagliari (IT)); ZHANG, Liming (Tsinghua University (CHINA))

Session Classification: CP Violation and VELO

Contribution ID: 46

Type: **not specified**

Velo Overview

Tuesday 9 April 2019 17:35 (20 minutes)

Presenter: JOHN, Malcolm (University of Oxford)

Session Classification: CP Violation and VELO

Contribution ID: 47

Type: **not specified**

Velo - Fast Timing

Tuesday 9 April 2019 18:00 (20 minutes)

Presenter: VAN BEUZEKOM, Martin (Nikhef National institute for subatomic physics (NL))

Session Classification: CP Violation and VELO

Contribution ID: 48

Type: **not specified**

Vision of computing and online technology options in 2030

Wednesday 10 April 2019 09:00 (25 minutes)

Presenter: NEUFELD, Niko (CERN)

Session Classification: Online System and Machine prospects

Contribution ID: 49

Type: **not specified**

Machine Optics and Performance

Wednesday 10 April 2019 09:30 (25 minutes)

Presenter: DE MARIA, Riccardo (CERN)

Session Classification: Online System and Machine prospects

Contribution ID: 50

Type: **not specified**

HL-LHC machine overview and plans for LHCb studies

Wednesday 10 April 2019 10:00 (25 minutes)

Presenter: DI GIROLAMO, Beniamino (CERN)

Session Classification: Online System and Machine prospects