

Workshop on LHCb Heavy Ion and Fixed Target physics

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction

Presenter: VAGNONI, Vincenzo (CERN and INFN Bologna)

Contribution ID: 2

Type: **not specified**

Introduction

Monday 9 January 2017 09:00 (5 minutes)

Presenter: VAGNONI, Vincenzo (CERN and INFN Bologna)

Session Classification: Opening session

Contribution ID: 3

Type: **not specified**

LHCb Overview

Monday 9 January 2017 09:05 (35 minutes)

Presenter: MASSACRIER, Laure Marie (Universite de Paris-Sud 11 (FR))

Session Classification: Opening session

Contribution ID: 4

Type: **not specified**

Theory keynote

Monday 9 January 2017 09:45 (35 minutes)

Presenter: BRODSKY, Stanley J. (SLAC National Accelerator Laboratory, Stanford University)

Session Classification: Opening session

Contribution ID: 5

Type: **not specified**

Learning from fixed target

Monday 9 January 2017 11:00 (25 minutes)

Presenter: LANSBERG, Jean-Philippe (IPN Orsay, Paris Sud U. / IN2P3-CNRS)

Session Classification: Fixed-target physics with SMOG

Contribution ID: 6

Type: **not specified**

SMOG data and heavy flavours

Monday 9 January 2017 11:30 (25 minutes)

Presenter: FLEURET, Frederic Domini (Universite de Paris-Sud 11 (FR))

Session Classification: Fixed-target physics with SMOG

Contribution ID: 7

Type: **not specified**

Lambda polarisation in fixed target

Monday 9 January 2017 12:00 (25 minutes)

Presenter: BECATTINI, Francesco (University of Florence)

Session Classification: Fixed-target physics with SMOG

Contribution ID: 8

Type: **not specified**

Production for CR physics in space

Monday 9 January 2017 13:30 (25 minutes)

Presenter: DONATO, Fiorenza (INFN - National Institute for Nuclear Physics)

Session Classification: Fixed-target physics with SMOG

Contribution ID: 9

Type: **not specified**

Production for CR physics in LHCb

Monday 9 January 2017 14:00 (25 minutes)

Presenter: GRAZIANI, Giacomo (INFN, Sezione di Firenze (IT))

Session Classification: Fixed-target physics with SMOG

Contribution ID: **10**

Type: **not specified**

Production for CR physics in atmosphere

Monday 9 January 2017 14:30 (25 minutes)

Presenter: SIGL, Guenter (II. Institut für theoretische Physik, Universität Hamburg)

Session Classification: Fixed-target physics with SMOG

Contribution ID: **11**

Type: **not specified**

Nuclear PDFs

Monday 9 January 2017 15:30 (25 minutes)

Presenter: SCHIENBEIN, Ingo (Universite Joseph Fourier)

Session Classification: Physics in pA collisions

Contribution ID: 12

Type: **not specified**

Heavy Flavour production in pA collisions

Monday 9 January 2017 16:00 (25 minutes)

Presenter: ARLEO, Francois (Laboratoire Leprince-Ringuet)

Session Classification: Physics in pA collisions

Contribution ID: 13

Type: **not specified**

Heavy Flavour production in p-Pb collisions at LHCb

Monday 9 January 2017 16:30 (25 minutes)

Presenter: ZHANG, Yanxi (Universite de Paris-Sud 11 (FR))

Session Classification: Physics in pA collisions

Contribution ID: 14

Type: **not specified**

Fluctuations as probe of thermalisation and QCD phase diagram

Monday 9 January 2017 17:00 (25 minutes)

Presenter: REDLICH, Krzysztof (University of Wroclaw (PL))

Session Classification: Physics in pA collisions

Contribution ID: 15

Type: **not specified**

Soft Probes and fluctuations

Monday 9 January 2017 17:30 (25 minutes)

Presenter: PRATT, Scott (Michigan State University)

Session Classification: Physics in pA collisions

Contribution ID: 16

Type: **not specified**

Soft Probes and fluctuations in LHCb

Monday 9 January 2017 18:00 (25 minutes)

Presenter: ZHU, Xianglei (Tsinghua University (CN))

Session Classification: Physics in pA collisions

Contribution ID: 17

Type: **not specified**

Heavy Flavour production with peripheral to semi-central PbPb collisions

Tuesday 10 January 2017 09:00 (25 minutes)

Presenter: GOSSIAUX, Pol (Subatech)

Session Classification: Physics in AA collisions

Contribution ID: **18**

Type: **not specified**

Quarkonia production with peripheral to semi-central PbPb collisions

Session Classification: Physics in AA collisions

Contribution ID: 19

Type: **not specified**

Heavy Flavour production in PbPb collisions at LHCb

Tuesday 10 January 2017 09:30 (25 minutes)

Presenter: BOSSU, Francesco (Universite de Paris-Sud 11 (FR))

Session Classification: Physics in AA collisions

Contribution ID: 20

Type: **not specified**

Electromagnetic probes

Tuesday 10 January 2017 10:00 (25 minutes)

Presenter: VAN HEES, Hendrik (University Frankfurt)

Session Classification: Physics in AA collisions

Contribution ID: 21

Type: **not specified**

Particle Flow

Tuesday 10 January 2017 11:05 (25 minutes)

Presenter: OLLITRAULT, Jean-Yves (CNRS)

Session Classification: Physics in AA collisions

Contribution ID: 22

Type: **not specified**

Photoproduction and CEP

Tuesday 10 January 2017 11:35 (25 minutes)

Presenter: GUZEY, Vadim (JLAB)

Session Classification: Physics in AA collisions

Contribution ID: 23

Type: **not specified**

Photoproduction and CEP in LHCb

Tuesday 10 January 2017 12:05 (25 minutes)

Presenter: SCHMIDT, Burkhard (CERN)

Session Classification: Physics in AA collisions

Contribution ID: 24

Type: **not specified**

Future of fixed target program at CERN

Tuesday 10 January 2017 14:00 (25 minutes)

Presenter: VALLEE, Claude (Centre de Physique des Particules de Marseille)

Session Classification: Outlook on future prospects

Contribution ID: 25

Type: **not specified**

Prospects with soft probes

Tuesday 10 January 2017 14:30 (25 minutes)

Presenter: WIEDEMANN, Urs (CERN)

Session Classification: Outlook on future prospects

Contribution ID: 26

Type: **not specified**

Possible new targets in LHCb

Tuesday 10 January 2017 15:00 (25 minutes)

Presenter: STEFFENS, Erhard (University of Erlangen-Nürnberg)

Session Classification: Outlook on future prospects

Contribution ID: 27

Type: **not specified**

Magnetic moment of hyperons with bending crystals

Tuesday 10 January 2017 16:00 (25 minutes)

Presenters: ROBBE, Patrick (Universite de Paris-Sud 11 (FR)); STOCCHI, achille (LAL CNRS Universite Paris Sud)

Session Classification: Outlook on future prospects

Contribution ID: 28

Type: **not specified**

Electromagnetic and Heavy Flavour probes

Tuesday 10 January 2017 17:00 (25 minutes)

Presenter: RAPP, Ralf (Texas A&M University)

Session Classification: Outlook on future prospects

Contribution ID: 29

Type: **not specified**

LHCb short and long term prospects

Tuesday 10 January 2017 17:30 (25 minutes)

Presenter: WINN, Michael Andreas (Universite de Paris-Sud 11 (FR))

Session Classification: Outlook on future prospects

Contribution ID: **30**

Type: **not specified**

Electric Dipole Moment of baryons with bending crystals

Tuesday 10 January 2017 16:30 (25 minutes)

Presenter: NERI, Nicola (Università degli Studi e INFN Milano (IT))

Session Classification: Outlook on future prospects