

Workshop on the Circular Electron-Positron Collider

Report of Contributions

Contribution ID: 1

Type: **not specified**

Physics Motivation

Monday 15 April 2019 09:15 (30 minutes)

Presenter: MCCULLOUGH, Matthew Philip (CERN)

Session Classification: PLENARY A

Contribution ID: 2

Type: **not specified**

Introductions and goals

Monday 15 April 2019 09:00 (15 minutes)

Presenter: Prof. BORTOLETTO, Daniela (University of Oxford (GB))

Session Classification: PLENARY A

Contribution ID: 3

Type: **not specified**

FCC Status

Monday 15 April 2019 09:45 (30 minutes)

Presenter: BLONDEL, Alain (Universite de Geneve (CH))

Session Classification: PLENARY A

Contribution ID: 4

Type: **not specified**

CepC Machine

Monday 15 April 2019 10:15 (25 minutes)

Presenter: GAO, Jie (Institute of High Energy Physics, China)

Session Classification: PLENARY A

Contribution ID: 5

Type: **not specified**

ILC Status

Monday 15 April 2019 11:10 (30 minutes)

Presenter: STANITZKI, Marcel (Deutsches Elektronen-Synchrotron (DE))

Session Classification: PLENARY B

Contribution ID: 6

Type: **not specified**

CLIC STATUS

Monday 15 April 2019 11:40 (30 minutes)

Presenters: ROBSON, Aidan (University of Glasgow (GB)); GAO, Jie (Institute of High Energy Physics, China)

Session Classification: PLENARY B

Contribution ID: 7

Type: **not specified**

CepC- Detector & Physics

Monday 15 April 2019 12:10 (25 minutes)

Presenter: BARREIRO GUIMARAES DA COSTA, Joao (Chinese Academy of Sciences (CN))

Session Classification: PLENARY B

Contribution ID: 8

Type: **not specified**

CepC: CDR

Monday 15 April 2019 12:35 (20 minutes)

Presenter: VOS, Marcel (IFIC Valencia (ES))

Session Classification: PLENARY B

Contribution ID: 9

Type: **not specified**

Summary of PS1 (Physics)

Wednesday 17 April 2019 08:30 (30 minutes)

Presenter: MURRAY, Bill (University of Warwick (GB))

Session Classification: Plenary C

Contribution ID: **10**

Type: **not specified**

Summary PS2 (Detector R&D)

Wednesday 17 April 2019 09:00 (30 minutes)

Presenter: ZHU, Hongbo (Chinese Academy of Sciences (CN))

Session Classification: Plenary C

Contribution ID: **11**

Type: **not specified**

Summary PS3 (Accelerator R&D)

Wednesday 17 April 2019 09:30 (30 minutes)

Presenter: FOSTER, Brian (University of Oxford (GB))

Session Classification: Plenary C

Contribution ID: 12

Type: **not specified**

Summary PS4 (Tools & Performance)

Wednesday 17 April 2019 10:00 (30 minutes)

Presenter: SELVAGGI, Michele (CERN)

Session Classification: Plenary C

Contribution ID: **13**

Type: **not specified**

Round Table

Wednesday 17 April 2019 10:50 (1h 40m)

Alain Blondel, Franco Bedeschi, Esteban Fullana Torregrosa, Eric Kasjfasz, Benno List, Michelangelo Mangano, Mark Thomson, Yifang Wang

Session Classification: Plenary D & Round Table

Contribution ID: 14

Type: **not specified**

Conclusion

Wednesday 17 April 2019 12:30 (30 minutes)

Presenter: ARKANI-HAMED, Nima (IAS)

Session Classification: Plenary D & Round Table

Contribution ID: 15

Type: **not specified**

HL-LHC Higgs physics

Monday 15 April 2019 14:00 (20 minutes)

Presenter: TESTA, Marianna (INFN e Laboratori Nazionali di Frascati (IT))

Session Classification: Precision measurements: Higgs and Electroweak

Contribution ID: **16**

Type: **not specified**

Higgs combination at CEPC

Monday 15 April 2019 14:20 (20 minutes)

Presenter: ZHANG, Kaili (IHEP)

Session Classification: Precision measurements: Higgs and Electroweak

Contribution ID: 17

Type: **not specified**

Higgs to tautau at CEPC

Monday 15 April 2019 14:40 (15 minutes)

Presenter: YU, Dan

Session Classification: Precision measurements: Higgs and Electroweak

Contribution ID: **18**

Type: **not specified**

EW measurement overview

Monday 15 April 2019 14:55 (20 minutes)

Presenter: LIANG, Zhijun (Chinese Academy of Sciences (CN))

Session Classification: Precision measurements: Higgs and Electroweak

Contribution ID: **19**

Type: **not specified**

Theory requirements and possibilities for future high energy and precision frontier lepton colliders

Monday 15 April 2019 15:30 (20 minutes)

Presenter: GLUZA, Janusz (University of Silesia (PL))

Session Classification: Precision measurements: Higgs and Electroweak

Contribution ID: 20

Type: **not specified**

Theory implications of a precision Higgs program

Monday 15 April 2019 17:50 (20 minutes)

Presenter: GROJEAN, Christophe

Session Classification: Beyond Standard Model I

Contribution ID: **21**

Type: **not specified**

Probing the scale of new physics at e^+e^- colliders

Monday 15 April 2019 17:10 (20 minutes)

Presenter: HE, Hong-Jian (Shanghai JiaoTong University)

Session Classification: Beyond Standard Model I

Contribution ID: 22

Type: **not specified**

Exotic Higgs decays

Monday 15 April 2019 17:30 (20 minutes)

Presenters: WANG, LianTao (University of Chicago); LIU, Zhen (U of Maryland)

Session Classification: Beyond Standard Model I

Contribution ID: 23

Type: **not specified**

Future frontiers of precision Higgs physics

Monday 15 April 2019 16:30 (40 minutes)

Presenter: LOW, Ian (Argonne National Lab/Northwestern Univ)

Session Classification: Beyond Standard Model I

Contribution ID: 24

Type: **not specified**

Higgs decays to long lived particles

Tuesday 16 April 2019 10:50 (20 minutes)

Presenters: FARRINGTON, Sinead (University of Warwick (GB)); FARRINGTON, Sinead (University of Edinburgh)

Session Classification: Beyond Standard Model II

Contribution ID: 25

Type: **not specified**

Probing leptogenesis at future colliders

Tuesday 16 April 2019 11:10 (20 minutes)

Presenter: KLARIC, Juraj (University of Zagreb (HR))

Session Classification: Beyond Standard Model II

Contribution ID: 26

Type: **not specified**

Electroweak phase transition

Tuesday 16 April 2019 11:30 (20 minutes)

Presenter: Dr LONG, Andrew (University of Michigan - LCTP)

Session Classification: Beyond Standard Model II

Contribution ID: 27

Type: **not specified**

Heavy resonances as a BSM interpretation of a potential Higgs to $b\bar{b}$ excess at the LHC (and beyond)

Tuesday 16 April 2019 11:50 (20 minutes)

Presenter: PAGANIS, Stathes (National Taiwan University)

Session Classification: Beyond Standard Model II

Contribution ID: 28

Type: **not specified**

Rare and forbidden decays (FCNC) and new physics

Tuesday 16 April 2019 14:00 (20 minutes)

Presenter: ALTMANNSHOFER, Wolfgang (UC Santa Cruz)

Session Classification: Flavor physics

Contribution ID: 29

Type: **not specified**

cLFV in tau decay on the Z pole

Tuesday 16 April 2019 14:40 (20 minutes)

Presenter: PASSEMAR, Emilie (Indiana University/JLab)

Session Classification: Flavor physics

Contribution ID: 30

Type: **not specified**

Light mesons from tau decays

Tuesday 16 April 2019 15:00 (20 minutes)

Presenter: GONZALES-SOLIS, Sergi (Institute of Theoretical Physics, Beijing)

Session Classification: Flavor physics

Contribution ID: 31

Type: **not specified**

CKM from leptonic and semileptonic B/Bs/Bc/Lambda_b decays

Tuesday 16 April 2019 15:20 (20 minutes)

Presenter: Dr CHARLES, Jérôme (CPT Marseille)

Session Classification: Flavor physics

Contribution ID: 32

Type: **not specified**

Two-photo and ISR physics

Tuesday 16 April 2019 15:40 (20 minutes)

Presenter: BOYKO, Igor (Joint Institute for Nuclear Research (RU))

Session Classification: Flavor physics

Contribution ID: 33

Type: **not specified**

Hadronic decays of b-flavored hadrons and CP violation

Session Classification: Flavor physics

Contribution ID: 34

Type: **not specified**

Mixed EW-QCD corrections to Higgs boson production at the CEPC

Presenter: JIA, Yu (Institute of High Energy Physics, Beijing)

Session Classification: QCD Physics

Contribution ID: 35

Type: **not specified**

Soft gluon evolution beyond leading order

Tuesday 16 April 2019 16:20 (20 minutes)

Presenter: Dr SHAO, Dingyu (CERN)

Session Classification: QCD Physics

Contribution ID: 36

Type: **not specified**

Exotic hadron and spectroscopy with heavy flavors

Tuesday 16 April 2019 16:40 (20 minutes)

Presenter: KARLINER, Marek (High Energy Physics Department)

Session Classification: QCD Physics

Contribution ID: 37

Type: **not specified**

Opportunity on charm at Z pole

Tuesday 16 April 2019 17:00 (20 minutes)

Presenter: KARLINER, Marek (High Energy Physics Department)

Session Classification: QCD Physics

Contribution ID: 38

Type: **not specified**

Rare Z decays and lepton universality

Tuesday 16 April 2019 14:20 (20 minutes)

Presenter: ALTMANNSHOFER, Wolfgang (UC Santa Cruz)

Session Classification: Flavor physics

Contribution ID: 39

Type: **not specified**

Full Silicon Tracking

Monday 15 April 2019 14:00 (20 minutes)

Author: LEOGRANDE, Emilia (CERN)

Presenter: LEOGRANDE, Emilia (CERN)

Session Classification: Tools & Performance 1

Contribution ID: 40

Type: **not specified**

Machine Learning Tracking

Monday 15 April 2019 14:40 (20 minutes)

Presenter: Dr VLIMANT, Jean-Roch (California Institute of Technology (US))

Session Classification: Tools & Performance 1

Contribution ID: 41

Type: **not specified**

Fast Simulation Tracking

Monday 15 April 2019 14:20 (20 minutes)

Presenter: BEDESCHI, Franco (Universita & INFN Pisa (IT))

Session Classification: Tools & Performance 1

Contribution ID: 42

Type: **not specified**

Particle Flow at IPNL

Monday 15 April 2019 15:20 (20 minutes)

Presenter: LI, Bo

Session Classification: Tools & Performance 1

Contribution ID: 43

Type: **not specified**

Shower simulation with ML

Monday 15 April 2019 15:40 (20 minutes)

Presenter: VALLECORSA, Sofia

Session Classification: Tools & Performance 1

Contribution ID: 44

Type: **not specified**

b/c flavour identification with ML techniques

Monday 15 April 2019 17:10 (15 minutes)

Presenter: GOUSKOS, Loukas

Session Classification: Tools & Performance 2

Contribution ID: 45

Type: **not specified**

Jet Calibration Techniques

Monday 15 April 2019 16:50 (15 minutes)

Presenter: SIMONIELLO, Rosa (Johannes Gutenberg Universitaet Mainz (DE))

Session Classification: Tools & Performance 2

Contribution ID: 46

Type: **not specified**

Calorimeter Reconstruction with ML

Monday 15 April 2019 16:30 (15 minutes)

Presenter: KIESELER, Jan

Session Classification: Tools & Performance 2

Contribution ID: 47

Type: **not specified**

Jet Flavour Identification

Monday 15 April 2019 17:30 (15 minutes)

Presenter: Dr LI, Gang (Institute of high energy physics)

Session Classification: Tools & Performance 2

Contribution ID: 48

Type: **not specified**

Tau Identification

Monday 15 April 2019 17:50 (15 minutes)

Presenter: VICKEY, Trevor (University of Sheffield (GB))

Session Classification: Tools & Performance 2

Contribution ID: 49

Type: **not specified**

Physics benchmark with jets at CEPC

Monday 15 April 2019 18:10 (15 minutes)

Presenter: RUAN, Manqi

Session Classification: Tools & Performance 2

Contribution ID: 50

Type: **not specified**

Computing challenges and infrastructure

Tuesday 16 April 2019 10:50 (25 minutes)

Presenters: ZHANG, Xiaomei (Chinese Academy of Sciences (CN)); ZHANG, xiaomei (IHEP,Beijing)

Session Classification: Tools & Performance 4

Contribution ID: 51

Type: **not specified**

The CEPC software and Simulation Framework

Tuesday 16 April 2019 12:05 (25 minutes)

Presenter: Dr LIN, Tao (Institute of High Energy Physics, CAS)

Session Classification: Tools & Performance 4

Contribution ID: 52

Type: **not specified**

The FCCSW software

Tuesday 16 April 2019 11:40 (25 minutes)

Presenter: VOLKL, Valentin (University of Innsbruck (AT))

Session Classification: Tools & Performance 4

Contribution ID: 53

Type: **not specified**

LHC Computing Overview

Tuesday 16 April 2019 11:15 (25 minutes)

Presenter: DI GIROLAMO, Alessandro (CERN)

Session Classification: Tools & Performance 4

Contribution ID: 54

Type: **not specified**

Discussion

Tuesday 16 April 2019 12:30 (30 minutes)

Session Classification: Tools & Performance 4

Contribution ID: 55

Type: **not specified**

Full G4 detector simulation

Tuesday 16 April 2019 14:00 (20 minutes)

Presenter: FU, Chengdong (IHEP, CAS)

Session Classification: Tools & performance 5

Contribution ID: 56

Type: **not specified**

Wire Chambers

Session Classification: Tools & performance 5

Contribution ID: 57

Type: **not specified**

Muon Simulation

Tuesday 16 April 2019 14:40 (20 minutes)

VIDYO

Presenter: ALY, Reham

Session Classification: Tools & performance 5

Contribution ID: 58

Type: **not specified**

Fast Simulation of IDEA

Tuesday 16 April 2019 15:00 (20 minutes)

Presenter: PEZZOTTI, Lorenzo (Universita and INFN (IT))

Session Classification: Tools & performance 5

Contribution ID: 59

Type: **not specified**

Calorimeter simulation

Tuesday 16 April 2019 14:20 (20 minutes)

Presenter: ZHAOHANG

Session Classification: Tools & performance 5

Contribution ID: **60**

Type: **not specified**

Particle Flow Simulation in CLIC

Tuesday 16 April 2019 15:20 (20 minutes)

Presenters: WEBER, Matthias Arthur; WEBER, Matthias Artur (CERN)

Session Classification: Tools & performance 5

Contribution ID: **61**

Type: **not specified**

WW threshold scan

Monday 15 April 2019 15:15 (15 minutes)

Presenter: SHEN, Peixun (NanKai University, China)

Session Classification: Precision measurements: Higgs and Electroweak

Contribution ID: 62

Type: **not specified**

The IDEA detector concept performance

Tuesday 16 April 2019 16:20 (20 minutes)

Presenter: FERRARI, Roberto (INFN Pavia (IT))

Session Classification: Joint Session: Detector R&D and Tools & Performance

Contribution ID: **63**

Type: **not specified**

Performance of the CEPC Particle Flow Detector Concept

Tuesday 16 April 2019 16:40 (20 minutes)

Presenter: RUAN, Manqi (Chinese Academy of Sciences (CN))

Session Classification: Joint Session: Detector R&D and Tools & Performance

Contribution ID: 64

Type: **not specified**

Performance of the CLIC-like detector for FCC-ee

Tuesday 16 April 2019 17:00 (20 minutes)

Presenter: LEOGRANDE, Emilia (CERN)

Session Classification: Joint Session: Detector R&D and Tools & Performance

Contribution ID: 65

Type: **not specified**

LumiCal Design and Challenges for Luminosity Measurement

Tuesday 16 April 2019 17:40 (20 minutes)

Presenter: BOZOVIC-JELISAVCIC, Ivanka (University of Belgrade (RS))

Session Classification: Joint Session: Detector R&D and Tools & Performance

Contribution ID: 66

Type: **not specified**

Summary of the Workshop Discussion on Software Tools

Tuesday 16 April 2019 18:00 (20 minutes)

Presenter: DI MICCO, Biagio (Universita' degli Studi di Roma Tre e Istituto Nazionale di Fisica Nucleare (INFN))

Session Classification: Joint Session: Detector R&D and Tools & Performance

Contribution ID: 67

Type: **not specified**

Summary of CEPC Calorimeter Workshop

Tuesday 16 April 2019 17:20 (20 minutes)

Presenter: LIU, Yong

Session Classification: Joint Session: Detector R&D and Tools & Performance

Contribution ID: **68**

Type: **not specified**

CEPC collider ring

Monday 15 April 2019 14:00 (24 minutes)

Presenters: WANG, Yiwei (IHEP); WANG, Yiwei

Session Classification: Accelerator 1

Contribution ID: 69

Type: **not specified**

CEPC booster and damping ring

Monday 15 April 2019 14:24 (24 minutes)

Presenter: Dr WANG, DOU (IHEP)

Session Classification: Accelerator 1

Contribution ID: 70

Type: **not specified**

CEPC beambeam and DA with magnet error and orbit corrections

Monday 15 April 2019 14:48 (24 minutes)

Presenter: ZHANG, Yuan

Session Classification: Accelerator 1

Contribution ID: 71

Type: **not specified**

CEPC linac injector

Monday 15 April 2019 15:12 (24 minutes)

Presenter: ZHANG, Jingru (IHEP)

Session Classification: Accelerator 1

Contribution ID: 72

Type: **not specified**

CEPC Z-pole polaziation

Monday 15 April 2019 15:36 (20 minutes)

Presenter: DUAN, zhe (institute of high energy physics, Chinese Academy of Sciences)

Session Classification: Accelerator 1

Contribution ID: 73

Type: **not specified**

Introduction and overview

Monday 15 April 2019 16:30 (10 minutes)

Presenters: NEWBOLD, Dave (STFC Rutherford Appleton Laboratory (GB)); LIU, Zhen-An (IHEP, Chinese Academy of Sciences (CN))

Session Classification: Detector R&D: Trigger and DAQ

Contribution ID: 74

Type: **not specified**

Update on FCCee TDAQ studies

Monday 15 April 2019 16:40 (20 minutes)

Presenter: VOUTSINAS, Georgios Gerasimos (CERN)

Session Classification: Detector R&D: Trigger and DAQ

Contribution ID: 75

Type: **not specified**

Triggerless readout: LHCb

Monday 15 April 2019 17:00 (20 minutes)

Presenter: WHITEHEAD, Mark Peter (Rheinisch Westfaelische Tech. Hoch. (DE))

Session Classification: Detector R&D: Trigger and DAQ

Contribution ID: 76

Type: **not specified**

Triggerless readout: DUNE

Monday 15 April 2019 17:20 (20 minutes)

Presenter: HENNESSY, Karol (University of Liverpool (GB))

Session Classification: Detector R&D: Trigger and DAQ

Contribution ID: 77

Type: **not specified**

Front-end link developments

Monday 15 April 2019 17:40 (20 minutes)

Presenter: CACHEMICHE, Jean-Pierre (Centre National de la Recherche Scientifique (FR))

Session Classification: Detector R&D: Trigger and DAQ

Contribution ID: 78

Type: **not specified**

Timing and control systems

Monday 15 April 2019 18:00 (20 minutes)

Presenter: CUSSANS, David (University of Bristol (GB))

Session Classification: Detector R&D: Trigger and DAQ

Contribution ID: 79

Type: **not specified**

ATLAS FELIX system

Monday 15 April 2019 18:20 (20 minutes)

Presenter: PANDURO VAZQUEZ, William (Royal Holloway, University of London)

Session Classification: Detector R&D: Trigger and DAQ

Contribution ID: **80**

Type: **not specified**

Characterisation of JadePix1 sensor

Tuesday 16 April 2019 10:50 (20 minutes)

Presenter: ZHU, Hongbo (Chinese Academy of Sciences (CN))

Session Classification: Detector R&D: Vertex Detectors

Contribution ID: **81**

Type: **not specified**

Full size pixel chip for high-rate CEPC vertex detector

Tuesday 16 April 2019 11:10 (20 minutes)

Presenters: WEI, Wei (IHEP, CAS, China); WEI, Wei (Chinese Academy of Sciences (CN))

Session Classification: Detector R&D: Vertex Detectors

Contribution ID: 82

Type: **not specified**

Status of ARCADIA project

Tuesday 16 April 2019 11:30 (20 minutes)

Presenters: DA ROCHA ROLO, Manuel Dionisio (INFN); DA ROCHA ROLO, Manuel Dionisio (Universita e INFN Torino (IT))

Session Classification: Detector R&D: Vertex Detectors

Contribution ID: **83**

Type: **not specified**

HV-CMOS research for low-mass detectors

Tuesday 16 April 2019 11:50 (20 minutes)

Presenter: VOSSEBELD, Joost (University of Liverpool (GB))

Session Classification: Detector R&D: Vertex Detectors

Contribution ID: **84**

Type: **not specified**

Mu3e ultra-low mass pixel detector mechanics

Tuesday 16 April 2019 12:10 (20 minutes)

Presenter: ARNDT, Kirk (University of Oxford (GB))

Session Classification: Detector R&D: Vertex Detectors

Contribution ID: 85

Type: **not specified**

Low-mass vertex structures

Tuesday 16 April 2019 12:30 (20 minutes)

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

Session Classification: Detector R&D: Vertex Detectors

Contribution ID: 86

Type: **not specified**

Ultra-granular ECAL R&D for CEPC

Monday 15 April 2019 14:00 (20 minutes)

Presenter: WANG, Zhigang (Chinese Academy of Sciences (CN))

Session Classification: Detector R&D: Calorimeters

Contribution ID: 87

Type: **not specified**

Ultra-granular HCAL R&D for CEPC

Monday 15 April 2019 14:20 (20 minutes)

Presenters: LIU, Yong (IHEP (China)); LIU, Yong (Unknown); LIU, Yong (Chinese Academy of Sciences (CN))

Session Classification: Detector R&D: Calorimeters

Contribution ID: **88**

Type: **not specified**

Dual-Readout Calorimeter recent developments

Monday 15 April 2019 14:40 (20 minutes)

Presenter: VIVARELLI, Iacopo (University of Sussex (GB))

Session Classification: Detector R&D: Calorimeters

Contribution ID: 89

Type: **not specified**

A Crystal Calorimeter option for CEPC

Monday 15 April 2019 15:00 (20 minutes)

Presenter: TULLY, Chris (Princeton University (US))

Session Classification: Detector R&D: Calorimeters

Contribution ID: **90**

Type: **not specified**

CMS HGCAL upgrade

Monday 15 April 2019 15:20 (20 minutes)

Presenter: PALLADINO, Vito (Imperial College London (GB))

Session Classification: Detector R&D: Calorimeters

Contribution ID: **91**

Type: **not specified**

CALICE status report

Monday 15 April 2019 15:40 (20 minutes)

Presenter: LAKTINEH, Imad (Centre National de la Recherche Scientifique (FR))

Session Classification: Detector R&D: Calorimeters

Contribution ID: 92

Type: **not specified**

Status of R&D for the Time projection chamber

Tuesday 16 April 2019 14:00 (20 minutes)

Presenters: QI, Huirong (IHEP); QI, Huirong (IHEP,CAS)

Session Classification: Detector R&D: Tracker Detectors

Contribution ID: 93

Type: **not specified**

TPC technologies challenges

Tuesday 16 April 2019 14:20 (20 minutes)

Presenters: COLAS, Paul (CEA - Centre d'Etudes de Saclay (FR)); COLAS, Paul (CEA/Irfu); COLAS, Paul (Université Paris-Saclay (FR))

Session Classification: Detector R&D: Tracker Detectors

Contribution ID: 94

Type: **not specified**

Drift chamber tracker design experiences

Tuesday 16 April 2019 14:40 (20 minutes)

Presenters: GRANCAGNOLO, Francesco (Universita & INFN Lecce (IT)); GRANCAGNOLO, Francesco

Session Classification: Detector R&D: Tracker Detectors

Contribution ID: 95

Type: **not specified**

Detector design solutions for tracking in the CMS High-Lumi upgrade

Tuesday 16 April 2019 15:00 (20 minutes)

Presenter: ABBANELO, Duccio (CERN)

Session Classification: Detector R&D: Tracker Detectors

Contribution ID: 96

Type: **not specified**

ATLAS full silicon tracker design

Tuesday 16 April 2019 15:20 (20 minutes)

Presenter: Dr MCMAHON, Stephen (Science and Technology Facilities Council STFC (GB))

Session Classification: Detector R&D: Tracker Detectors

Contribution ID: 97

Type: **not specified**

CMOS technology for large silicon tracker

Tuesday 16 April 2019 15:40 (20 minutes)

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

Session Classification: Detector R&D: Tracker Detectors

Contribution ID: 98

Type: **not specified**

CEPC plasma injector scheme

Monday 15 April 2019 16:30 (24 minutes)

Presenters: Dr LI, Dazang; LU, wei (tsinghua university)

Session Classification: Accelerator 2

Contribution ID: 99

Type: **not specified**

DESY plasma accelerator

Monday 15 April 2019 16:54 (24 minutes)

Presenter: OSTERHOFF, Jens (DESY)

Session Classification: Accelerator 2

Contribution ID: **100**

Type: **not specified**

INFN Dafne Test facility

Monday 15 April 2019 17:18 (24 minutes)

Presenters: MILARDI, Catia (INFN - LNF); MILARDI, Catia (Istituto Nazionale di Fisica Nucleare (INFN))

Session Classification: Accelerator 2

Contribution ID: **101**

Type: **not specified**

IHEP Superconducting Facility status: PAPS

Monday 15 April 2019 17:42 (24 minutes)

Presenter: CHI, YUNLONG (IHEP, CAS)

Session Classification: Accelerator 2

Contribution ID: **102**

Type: **not specified**

CEPC radiation protection

Monday 15 April 2019 18:06 (24 minutes)

Presenters: MA, Zhongjian (Institute of High Energy Physics); MA, Zhongjian (Chinese Academy of Sciences (CN))

Session Classification: Accelerator 2

Contribution ID: **103**

Type: **not specified**

CEPC booster magnets and injection/extraction hardwares

Tuesday 16 April 2019 09:00 (20 minutes)

Presenter: Dr KANG, Wen (Institute of High Energy Physics (IHEP))

Session Classification: Accelerator 3

Contribution ID: **104**

Type: **not specified**

CEPC collider ring magnets

Tuesday 16 April 2019 09:20 (20 minutes)

Presenter: YANG, Mei (IHEP,CAS,China)

Session Classification: Accelerator 3

Contribution ID: **105**

Type: **not specified**

Dual aperture iron yoke SC quadrupole for Super Charm Tau Factory in Novosibirsk: 3D simulation and production plan

Tuesday 16 April 2019 09:40 (20 minutes)

Presenter: Dr RYABCHENKO, Ksenia

Session Classification: Accelerator 3

Contribution ID: **106**

Type: **not specified**

CEPC vacuum system

Tuesday 16 April 2019 10:00 (20 minutes)

Presenter: Dr DONG, Haiyi

Session Classification: Accelerator 3

Contribution ID: **107**

Type: **not specified**

CEPC high efficiency klystron

Tuesday 16 April 2019 10:50 (30 minutes)

Presenter: ZHOU, zusheng (IHEP)

Session Classification: Accelerator 4

Contribution ID: **108**

Type: **not specified**

CEPC SCRF system

Tuesday 16 April 2019 11:20 (30 minutes)

Presenter: SHA, Peng (IHEP)

Session Classification: Accelerator 4

Contribution ID: **109**

Type: **not specified**

High field high Q large grain rf cavity

Tuesday 16 April 2019 11:50 (30 minutes)

Presenters: YAMAMOTO, Akira (High Energy Accelerator Research Organization (JP)); YAMAMOTO, Akira (High Energy Accelerator Research Organization (JP))

Session Classification: Accelerator 4

Contribution ID: **110**

Type: **not specified**

CEPC cryogenic system

Tuesday 16 April 2019 12:20 (30 minutes)

Presenters: LI, Shaopeng (Chinese Academy of Sciences, Beijing, P.R. China); LI, Shaopeng (IHEP.CAS.CHINA)

Session Classification: Accelerator 4

Contribution ID: **111**

Type: **not specified**

CEPC MD

Tuesday 16 April 2019 14:00 (24 minutes)

Presenters: BAI, Sha (IHEP); BAI, Sha

Session Classification: Accelerator 5

Contribution ID: **112**

Type: **not specified**

CEPC background

Tuesday 16 April 2019 14:24 (24 minutes)

Presenter: ZHU, Hongbo (Chinese Academy of Sciences (CN))

Session Classification: Accelerator 5

Contribution ID: 113

Type: **not specified**

CEPC radiation protection

Tuesday 16 April 2019 14:48 (24 minutes)

Presenters: MA, Zhongjian (Institute of High Energy Physics); MA, Zhongjian (Chinese Academy of Sciences (CN))

Session Classification: Accelerator 5

Contribution ID: **114**

Type: **not specified**

CEPC instrumentation and feedback system

Tuesday 16 April 2019 15:12 (24 minutes)

Presenter: Dr YUE, Junhui

Session Classification: Accelerator 5

Contribution ID: **115**

Type: **not specified**

CEPC mechanics system

Tuesday 16 April 2019 15:36 (20 minutes)

Presenter: Dr WANG, Haijing

Session Classification: Accelerator 5

Contribution ID: **116**

Type: **not specified**

CECP civil engineering TDR design

Tuesday 16 April 2019 16:20 (30 minutes)

Presenter: XIAO, Suyu (Chinese Academy of Sciences (CN))

Session Classification: Accelerator 6

Contribution ID: **117**

Type: **not specified**

CEPC Installation, logistics and Projectwise coordination design platform

Tuesday 16 April 2019 16:50 (30 minutes)

Presenter: Dr YE, Lei

Session Classification: Accelerator 6

Contribution ID: **118**

Type: **not specified**

SppC machine design in relation with CEPC

Tuesday 16 April 2019 17:20 (30 minutes)

Presenter: Dr CHEN, Xinkai

Session Classification: Accelerator 6

Contribution ID: **119**

Type: **not specified**

SppC HTC magnets

Tuesday 16 April 2019 17:50 (30 minutes)

Presenter: XU, Qingjin (IHEP)

Session Classification: Accelerator 6

Contribution ID: **120**

Type: **not specified**

Particle Identification for Higgs Physics at CEPC

Monday 15 April 2019 15:00 (20 minutes)

VIDYO

Presenter: YAO, Wei-Ming (Lawrence Berkeley National Lab. (US))

Session Classification: Tools & Performance 1

Contribution ID: **121**

Type: **not specified**

Top physics at e+e- colliders

Tuesday 16 April 2019 17:20 (20 minutes)

Presenter: FULLANA TORREGROSA, Esteban (Univ. of Valencia and CSIC (ES))

Session Classification: QCD Physics

Contribution ID: **122**

Type: **not specified**

Muon detector R&D based on scintillator strips technology

Tuesday 16 April 2019 09:00 (25 minutes)

Presenter: WANG, Xiaolong

Session Classification: Detector R&D: Muon detectors

Contribution ID: **123**

Type: **not specified**

RPCs as muon detectors at an e^+e^- collider

Tuesday 16 April 2019 09:25 (25 minutes)

Presenter: LAKTINEH, Imad (Centre National de la Recherche Scientifique (FR))

Session Classification: Detector R&D: Muon detectors

Contribution ID: 124

Type: **not specified**

MPGD and muRWell for muon detection at an e+e-collider

Tuesday 16 April 2019 09:50 (25 minutes)

Presenter: MORELLO, Gianfranco (INFN e Laboratori Nazionali di Frascati (IT))

Session Classification: Detector R&D: Muon detectors

Contribution ID: **125**

Type: **not specified**

Dinner

Contribution ID: **126**

Type: **not specified**

Jet clustering in ee collisions

Tuesday 16 April 2019 09:00 (20 minutes)

Presenter: VOS, Marcel (IFIC Valencia (ES))

Session Classification: Tools and Simulation - Physics common session

Contribution ID: **127**

Type: **not specified**

Whizard

Tuesday 16 April 2019 09:20 (20 minutes)

Presenters: REUTER, Juergen; REUTER, Jürgen (DESY Hamburg, Germany)

Session Classification: Tools and Simulation - Physics common session

Contribution ID: **128**

Type: **not specified**

Herwig

Tuesday 16 April 2019 09:40 (20 minutes)

Presenter: BELLM, Johannes

Session Classification: Tools and Simulation - Physics common session

Contribution ID: **129**

Type: **not specified**

Theory Uncertainties for Higgs Couplings at CEPC

Tuesday 16 April 2019 10:00 (20 minutes)

VIDYO

Presenter: HEINEMEYER, Sven

Session Classification: Tools and Simulation - Physics common session

Contribution ID: **130**

Type: **not specified**

4D Tracking Devices: Low Gain Avalanche Detectors

Tuesday 16 April 2019 10:15 (15 minutes)

Presenter: Dr OTERO UGOBONO, Sofia (Consejo Superior de Investigaciones Cientificas (CSIC) (ES))

Session Classification: Detector R&D: Muon detectors