

**The 2020 International
Workshop on the High Energy
Circular Electron Positron
Collider (Oct. 26-28, 2020)**

Report of Contributions

Contribution ID: 0

Type: **not specified**

Highlights and future perspective of the CEPC Physics

Wednesday, 28 October 2020 20:00 (30 minutes)

Presenter: HEINEMEYER, Sven (IFT/IFCA)

Session Classification: Plenary

Contribution ID: 1

Type: **not specified**

Highlights and perspectives of future accelerators

Wednesday, 28 October 2020 20:30 (30 minutes)

Presenter: FAUSS-GOLFE, Angeles (IJCLab)

Session Classification: Plenary

Contribution ID: 2

Type: **not specified**

Highlights and perspectives of future detectors

Wednesday, 28 October 2020 21:00 (30 minutes)

Presenter: JOAO GUIMARAES COSTA (IHEP)

Session Classification: Plenary

Contribution ID: 3

Type: **not specified**

Was There an Electroweak Phase Transition?

Wednesday, 28 October 2020 21:30 (30 minutes)

Presenter: RAMSEY-MUSOLF, Michael (Shanghai Jiao Tong University)

Session Classification: Plenary

Contribution ID: 4

Type: **not specified**

TDAQ and online computing

Wednesday, 28 October 2020 22:00 (30 minutes)

Presenter: LIU, Zhen-An (IHEP)

Session Classification: Plenary

Contribution ID: 5

Type: **not specified**

Offline computing and software tools

Wednesday, 28 October 2020 22:30 (30 minutes)

Presenter: RITTER, Martin (Munich)

Session Classification: Plenary

Contribution ID: 6

Type: **not specified**

Welcome

Monday, 26 October 2020 20:00 (5 minutes)

Presenter: Prof. WANG, Yifang (IHEP)

Session Classification: Plenary

Contribution ID: 7

Type: **not specified**

Physics Motivation and Overview

Monday, 26 October 2020 20:10 (40 minutes)

Presenter: Prof. ELLIS, John (King's College London)

Session Classification: Plenary

Contribution ID: 8

Type: **not specified**

CEPC Project Overview

Monday, 26 October 2020 20:45 (30 minutes)

Presenter: Prof. LOU, Xinchou (高能所)

Session Classification: Plenary

Contribution ID: 9

Type: **not specified**

FCC Overview

Monday, 26 October 2020 21:15 (30 minutes)

Presenter: Dr PAPAPHILIPPOU, Yannis (CERN)

Session Classification: Plenary

Contribution ID: **10**

Type: **not specified**

ILC Overview

Monday, 26 October 2020 21:45 (20 minutes)

Presenter: Dr MICHIZONO, Shinichiro (KEK)

Session Classification: Plenary

Contribution ID: **11**

Type: **not specified**

CLIC Overview

Monday, 26 October 2020 22:05 (20 minutes)

Presenter: STAPNES, Steinar (CERN)

Session Classification: Plenary

Contribution ID: **12**

Type: **not specified**

CEPC Accelerator

Monday, 26 October 2020 22:25 (20 minutes)

Presenter: Prof. GAO, Jie (IHEP)

Session Classification: Plenary

Contribution ID: 13

Type: **not specified**

CEPC Physics and Detector

Monday, 26 October 2020 22:45 (20 minutes)

Presenter: WANG JIANCHUN

Session Classification: Plenary

Contribution ID: **14**

Type: **not specified**

IC/IB report

Tuesday, 27 October 2020 20:00 (25 minutes)

Presenters: Prof. GAO, Jie (IHEP); Prof. GAO, Yuanning (Peking University)

Session Classification: Plenary

Contribution ID: 15

Type: **not specified**

CIPC report

Tuesday, 27 October 2020 20:25 (25 minutes)

Presenter: GAO, Jinling (北京中科富海低温科技有限公司)

Session Classification: Plenary

Contribution ID: 16

Type: **not specified**

Update of European strategy for particle physics and US Snowmass study

Tuesday, 27 October 2020 20:50 (25 minutes)

Presenter: Prof. TAYLOR, Geoffrey (The University of Melbourne)

Session Classification: Plenary

Contribution ID: 17

Type: **not specified**

Panel Discussions about "Worldwide Strategy in HEP and Future International Collaboration"

Tuesday, 27 October 2020 21:15 (1h 40m)

Presenters: Prof. TAYLOR, Geoffrey (The University of Melbourne); Prof. GIUDICE, Gian Francesco (CERN); Prof. ABRAMOWICZ, Halina (Tel Aviv University); Prof. ELLIS, John (King's College London); Prof. BAGGER, Jonathan (TRIUMF); Prof. MORI, Toshinori (The University of Tokyo); Prof. OKADA, Yasuhiro (KEK); Prof. WANG, Yifang (IHEP); Prof. KIM, Young-Kee (University of Chicago); Prof. GAO, Yuanning (Peking University)

Session Classification: Plenary

Contribution ID: **18**

Type: **not specified**

Search for Long-Lived Particles at Future Lepton Colliders

Tuesday, 27 October 2020 08:30 (30 minutes)

Presenter: Prof. LI, Liang (Shanghai Jiao Tong University)

Session Classification: BSM

Contribution ID: **19**

Type: **not specified**

CP Violation in Higgs-tau-tau Coupling

Tuesday, 27 October 2020 09:00 (30 minutes)

Presenter: PASQUINI, Pedro (TDLI)

Session Classification: BSM

Contribution ID: **20**

Type: **not specified**

ALPs at future lepton colliders

Tuesday, 27 October 2020 09:30 (30 minutes)

Presenter: THAMM, Andrea (University of Melbourne)

Session Classification: BSM

Contribution ID: 21

Type: **not specified**

The BSM Landscape at CEPC

Tuesday, 27 October 2020 16:30 (30 minutes)

Presenter: MCCULLOUGH, Matthew (CERN)

Session Classification: BSM

Contribution ID: 22

Type: **not specified**

Far Detectors Can Enhance the Physics Discovery Potential at the CEPC

Tuesday, 27 October 2020 17:00 (30 minutes)

Presenter: Dr WANG, Kechen (CFHEP, IHEP)

Session Classification: BSM

Contribution ID: 23

Type: **not specified**

Exposing the dark sector with future Z factories

Tuesday, 27 October 2020 17:30 (30 minutes)

Presenter: WANG, Xiaoping (Beihang University)

Session Classification: BSM

Contribution ID: 24

Type: **not specified**

Lepton flavor universality tests at the Z pole

Tuesday, 27 October 2020 18:00 (30 minutes)

Presenter: LI, Lingfeng (HKUST)

Session Classification: BSM

Contribution ID: 25

Type: **not specified**

Jet shapes for precision QCD measurements at e^+e^-

Tuesday, 27 October 2020 10:30 (30 minutes)

Presenter: KOMISKE, Patrick (MIT)

Session Classification: QCD

Contribution ID: 26

Type: **not specified**

Jet Topology

Tuesday, 27 October 2020 11:00 (30 minutes)

Presenter: Prof. LIU, Tao (The Hong Kong University of Science and Technology)

Session Classification: QCD

Contribution ID: 27

Type: **not specified**

Progress and future needs for MC modeling at e^+e^-

Tuesday, 27 October 2020 11:30 (30 minutes)

Presenter: SKANDS, Peter (Monash University)

Session Classification: QCD

Contribution ID: **28**

Type: **not specified**

CEPC opportunities for X,Y,Z exotica studies

Tuesday, 27 October 2020 14:00 (30 minutes)

Presenter: JIA, Sen (Fudan University)

Session Classification: QCD

Contribution ID: 29

Type: **not specified**

CEPC opportunities for Quarkonium production studies

Tuesday, 27 October 2020 14:30 (30 minutes)

Presenter: Dr LANSBERG, Jean-Philippe (CNRS/Paris-Saclay U.)

Session Classification: QCD

Contribution ID: **30**

Type: **not specified**

Precision QCD measurements at future e+e- colliders

Tuesday, 27 October 2020 15:00 (30 minutes)

Presenter: Dr D'ENTERRIA, David (CERN)

Session Classification: QCD

Contribution ID: 31

Type: **not specified**

Top quark precision measurements in e^+e^- collisions

Tuesday, 27 October 2020 15:30 (30 minutes)

Presenter: Dr MAIER, Andreas (DESY)

Session Classification: QCD

Contribution ID: 32

Type: **not specified**

Klystron

Monday, 26 October 2020 08:30 (15 minutes)

Presenter: 王, 少哲 (昆山国力大功率器件工业技术研究院)

Session Classification: CIPC

Contribution ID: 33

Type: **not specified**

(Klystron) Circulator&load

Monday, 26 October 2020 08:45 (15 minutes)

Presenter: 王, 立强 (航天二院二十三所)

Session Classification: CIPC

Contribution ID: **34**

Type: **not specified**

Klystron

Monday, 26 October 2020 09:00 (15 minutes)

Presenter: 张, 瑞 (中科院空天信息研究院)

Session Classification: CIPC

Contribution ID: 35

Type: **not specified**

(CEPC magnet) Collider, booster and linac magnets

Monday, 26 October 2020 09:15 (15 minutes)

Presenter: 赵, 建兵 (高能锐新)

Session Classification: CIPC

Contribution ID: 36

Type: **not specified**

(CEPC magnet) Company introduction

Monday, 26 October 2020 09:30 (15 minutes)

Presenter: 王, 素婷 (上海普束科技有限公司)

Session Classification: CIPC

Contribution ID: 37

Type: **not specified**

(CEPC magnet) CEPC booster magnet

Monday, 26 October 2020 09:45 (15 minutes)

Presenter: 朱, 光亮 (合肥科烨电物理设备制造有限公司)

Session Classification: CIPC

Contribution ID: **38**

Type: **not specified**

Status and progress of CEPC TPC R&D

Monday, 26 October 2020 10:30 (18 minutes)

Presenter: Dr QI, Huirong (Institute of High Energy Physics, CAS)

Session Classification: Gaseous Detector

Contribution ID: 39

Type: **not specified**

65nm ASIC FEE for TPC

Monday, 26 October 2020 10:48 (18 minutes)

Presenters: 刘, 伟 (清华大学); Dr 邓, 智 (清华大学)

Session Classification: Gaseous Detector

Contribution ID: 40

Type: **not specified**

Development of the uRWELL detector for large area application

Monday, 26 October 2020 11:06 (18 minutes)

Presenter: Dr LV, You (USTC, CAS)

Session Classification: Gaseous Detector

Contribution ID: 41

Type: **not specified**

High time presion MRPC for CEE

Monday, 26 October 2020 11:24 (18 minutes)

Presenter: Dr WANG, Botan (Tsinghua University)

Session Classification: Gaseous Detector

Contribution ID: 42

Type: **not specified**

Drift chamber

Monday, 26 October 2020 17:10 (20 minutes)

Presenter: CHIAPPINI, Marco (INFN-Pisa)

Session Classification: Gaseous Detector

Contribution ID: 43

Type: **not specified**

Pixel TPC Technology R&D

Monday, 26 October 2020 16:30 (20 minutes)

Presenter: KLUIT, Peter (NIKEHF)

Session Classification: Gaseous Detector

Contribution ID: 44

Type: **not specified**

MPGD technology

Monday, 26 October 2020 16:50 (20 minutes)

Presenter: BRUNBAUER, Florian (C)

Session Classification: Gaseous Detector

Contribution ID: 45

Type: **not specified**

RPC FEE

Monday, 26 October 2020 11:42 (18 minutes)

Presenter: WU, Weihao (Shanghai Jiao Tong University)

Session Classification: Gaseous Detector

Contribution ID: 46

Type: **not specified**

sPHENIX TPC

Monday, 26 October 2020 17:30 (20 minutes)

Presenter: Dr DEHMELT, Klaus (Stony Brook U.)

Session Classification: Gaseous Detector

Contribution ID: 47

Type: **not specified**

RPC new readout

Monday, 26 October 2020 17:50 (20 minutes)

Presenter: Prof. LAKTINEH, imad (IPNL)

Session Classification: Gaseous Detector

Contribution ID: 48

Type: **not specified**

(CEPC magnet) CEPC collider ring dual aperture quadrupole

Monday, 26 October 2020 10:30 (15 minutes)

Presenter: 尹, 大鹏 (合肥科烨电物理设备制造有限公司)

Session Classification: CIPC

Contribution ID: 49

Type: **not specified**

(Electro-magnet seperator)

Monday, 26 October 2020 10:45 (15 minutes)

Presenter: 郭, 盘林 (上海夯业真空设备科技有限公司)

Session Classification: CIPC

Contribution ID: 50

Type: **not specified**

(CEPC SC magnet)NbTi 超导卢瑟福电缆

Presenter: 廖, 和安 (无锡统力电工股份有限公司)

Contribution ID: 51

Type: **not specified**

(CEPC SC magnet)0.5mm NbTi 超导股线

Monday, 26 October 2020 11:00 (15 minutes)

Presenter: 刘, 维涛 (西部超导材料科技股份有限公司)

Session Classification: CIPC

Contribution ID: 52

Type: **not specified**

(CEPC SC magnet)0.5m 超导四极磁体 QD0 短样机制造

Monday, 26 October 2020 11:15 (15 minutes)

Presenter: 万, 艺 (合肥科烨电物理设备制造有限公司)

Session Classification: CIPC

Contribution ID: 53

Type: **not specified**

(CEPC MDI)

Monday, 26 October 2020 11:30 (15 minutes)

Presenter: 吕, 涛孙、洪清 (无锡创新低温环模设备科技有限公司)

Session Classification: CIPC

Contribution ID: 54

Type: **not specified**

CEPC MDI

Monday, 26 October 2020 14:00 (15 minutes)

Presenter: 何, 绍栋 (北京空间机电研究所 (航天 508 所))

Session Classification: CIPC

Contribution ID: 55

Type: **not specified**

(SCRF)Linac structure and SCRF cavity fabrication

Monday, 26 October 2020 14:15 (15 minutes)

Presenter: 戴, 旭文 (北京高能锐新公司)

Session Classification: CIPC

Contribution ID: 56

Type: **not specified**

SCRF

Monday, 26 October 2020 14:30 (15 minutes)

Presenter: 李, 众 (otic)

Session Classification: CIPC

Contribution ID: 57

Type: **not specified**

SCRF

Monday, 26 October 2020 14:45 (15 minutes)

Presenter: 邵, 海根 (安徽华东光电技术研究有限公司)

Session Classification: CIPC

Contribution ID: 58

Type: **not specified**

SCRF

Monday, 26 October 2020 15:00 (15 minutes)

Presenter: 郑, 承业 (N)

Session Classification: CIPC

Contribution ID: 59

Type: **not specified**

SCRF

Monday, 26 October 2020 15:15 (15 minutes)

Presenter: 李, 文清 (北京富斌盛世真空设备有限公司)

Session Classification: CIPC

Contribution ID: **60**

Type: **not specified**

Vacuum

Monday, 26 October 2020 15:30 (15 minutes)

Presenter: 章, 东林 (shzkvalve)

Session Classification: CIPC

Contribution ID: **61**

Type: **not specified**

Vacuum

Monday, 26 October 2020 15:45 (15 minutes)

Presenter: 蔺, 宇 (川北真空科技 (北京) 有限公司)

Session Classification: CIPC

Contribution ID: **62**

Type: **not specified**

Vacuum

Monday, 26 October 2020 16:30 (15 minutes)

Presenter: 关, 易晓 (SKY)

Session Classification: CIPC

Contribution ID: 63

Type: **not specified**

(Vacuum) 超高真空全金属阀门研究开发

Monday, 26 October 2020 16:45 (15 minutes)

Presenter: 张, 魁榜 (四川九天真空科技股份有限公司)

Session Classification: CIPC

Contribution ID: **64**

Type: **not specified**

Cryogenics

Monday, 26 October 2020 17:00 (15 minutes)

Presenter: 刘, 立强 (北京中科富海低温科技有限公司-中国科学院理化技术研究所)

Session Classification: CIPC

Contribution ID: 65

Type: **not specified**

Cryogenics

Monday, 26 October 2020 17:15 (15 minutes)

Presenter: 周, 家屿 (安徽万瑞冷电科技有限公司)

Session Classification: CIPC

Contribution ID: **66**

Type: **not specified**

Cryogenics

Monday, 26 October 2020 17:30 (15 minutes)

Presenter: 董, 文 (中船重工鹏力 (南京) 超低温技术有限公司)

Session Classification: CIPC

Contribution ID: 67

Type: **not specified**

Cryogenics

Presenter: 吕, 洪清 (W)

Contribution ID: **68**

Type: **not specified**

Cryogenics

Monday, 26 October 2020 17:45 (15 minutes)

Presenter: 吴, 杰峰 (合肥聚能电物理高技术开发有限公司)

Session Classification: CIPC

Contribution ID: **69**

Type: **not specified**

Cryogenics

Presenter: 孙, 大明 (江苏克劳特低温技术有限公司)

Contribution ID: 70

Type: **not specified**

Cryogenics

Tuesday, 27 October 2020 08:30 (15 minutes)

Presenter: 孙, 大明 (江苏克劳特低温技术有限公司)

Session Classification: CIPC

Contribution ID: 71

Type: **not specified**

Instrumentation

Tuesday, 27 October 2020 08:45 (15 minutes)

Presenter: 谢, 子燕 (浩德科仪真空技术有限公司)

Session Classification: CIPC

Contribution ID: 72

Type: **not specified**

Instrumentation

Tuesday, 27 October 2020 09:00 (15 minutes)

Presenter: 于, 顺和 (沈阳科学仪器厂)

Session Classification: CIPC

Contribution ID: 73

Type: **not specified**

Radiation protection

Tuesday, 27 October 2020 09:15 (15 minutes)

Presenter: 张, 龙 (北京市射线应用研究中心)

Session Classification: CIPC

Contribution ID: 74

Type: **not specified**

Radiation protection

Tuesday, 27 October 2020 09:30 (15 minutes)

Presenter: 郭, 泽学 (天津市万木辐射防护工程有限公司)

Session Classification: CIPC

Contribution ID: 75

Type: **not specified**

(Mechnics) 介绍公司情况

Tuesday, 27 October 2020 09:45 (15 minutes)

Presenter: 刘, 宝瑞 (北京空间机电研究所 (航天 508 所))

Session Classification: CIPC

Contribution ID: 76

Type: **not specified**

(Mechnics) MDI 远程真空连接设计

Tuesday, 27 October 2020 10:30 (15 minutes)

Presenter: 杨, 奇 (沈阳慧宇真空技术有限公司)

Session Classification: CIPC

Contribution ID: 77

Type: **not specified**

(Mechnics) 隧道磁铁、支架等设备运输车辆

Tuesday, 27 October 2020 10:45 (15 minutes)

Presenter: 孙, 超 (北车 618 所)

Session Classification: CIPC

Contribution ID: 78

Type: **not specified**

(Alignment) 非接触式精密测量和智能视觉系统

Tuesday, 27 October 2020 11:00 (15 minutes)

Presenter: 范, 生宏 (北京普达迪泰科技有限公司)

Session Classification: CIPC

Contribution ID: 79

Type: **not specified**

(Alignment) 精密基准件研制

Tuesday, 27 October 2020 11:15 (15 minutes)

Presenter: 朱, 长河 (汉中远航精密机械制造有限公司)

Session Classification: CIPC

Contribution ID: 80

Type: **not specified**

(Alignment) 高分辨率对地观测系统、机械设计、系统集成

Tuesday, 27 October 2020 11:30 (15 minutes)

Presenter: 王, 兴泽 (中国空间技术研究院总体部)

Session Classification: CIPC

Contribution ID: **81**

Type: **not specified**

(Alignment) 精密光电测量系统

Presenter: 周, 维虎 (中国科学院微电子所)

Contribution ID: 82

Type: **not specified**

(Alignment) 大地测量, 工程测量

Tuesday, 27 October 2020 14:00 (15 minutes)

Presenter: 宜斌姚/进贵邹 (武汉大学测绘学院)

Session Classification: CIPC

Contribution ID: 83

Type: **not specified**

CEPC 地质研究

Tuesday, 27 October 2020 14:15 (15 minutes)

Presenter: 冉, 祥金 (Jilin University)

Session Classification: CIPC

Contribution ID: **84**

Type: **not specified**

Installation and store

Tuesday, 27 October 2020 14:30 (15 minutes)

Presenter: 王, 佳斌 (华侨大学)

Session Classification: CIPC

Contribution ID: 85

Type: **not specified**

SppC magnet

Tuesday, 27 October 2020 14:45 (15 minutes)

Presenter: 刘, 建伟 (西部超导)

Session Classification: CIPC

Contribution ID: **86**

Type: **not specified**

SppC magnet

Tuesday, 27 October 2020 15:00 (15 minutes)

Presenter: 赵, 跃 (上海超导)

Session Classification: CIPC

Contribution ID: 87

Type: **not specified**

SppC magnet

Tuesday, 27 October 2020 15:15 (15 minutes)

Presenter: 蔡, 传兵 (上海大学/上创超导)

Session Classification: CIPC

Contribution ID: **88**

Type: **not specified**

SppC magnet

Tuesday, 27 October 2020 15:30 (15 minutes)

Presenter: 廖, 和安 (统力电工)

Session Classification: CIPC

Contribution ID: 89

Type: **not specified**

(SppC magnet)HL-LHC CCT 磁体进展

Tuesday, 27 October 2020 15:45 (15 minutes)

Presenter: 汤, 洪明 (shangcitech)

Session Classification: CIPC

Contribution ID: **90**

Type: **not specified**

High luminosity scheme at Higgs energy

Monday, 26 October 2020 08:30 (20 minutes)

Presenter: Mr YU, Chenghui (IHEP)

Session Classification: Accelerator

Contribution ID: **91**

Type: **not specified**

CEPC Collider ring lattice

Monday, 26 October 2020 08:50 (20 minutes)

Presenter: Mr WANG, Yiwei (IHEP)

Session Classification: Accelerator

Contribution ID: **92**

Type: **not specified**

CEPC Booster

Monday, 26 October 2020 09:10 (20 minutes)

Presenter: Dr WANG, Dou (IHEP)

Session Classification: Accelerator

Contribution ID: 93

Type: **not specified**

Impedance and Instability for Collider, Booster and Damping ring in CEPC

Monday, 26 October 2020 09:30 (20 minutes)

Presenter: LIU, Yudong (IHEP)

Session Classification: Accelerator

Contribution ID: 94

Type: **not specified**

Imperfection and correction for CEPC

Monday, 26 October 2020 09:50 (20 minutes)

Presenters: WANG, Bin (IHEP); Ms WEI, Yuanyuan (IHEP)

Session Classification: Accelerator

Contribution ID: 95

Type: **not specified**

SuperKEKB status

Monday, 26 October 2020 10:30 (20 minutes)

Presenter: TOBIYAMA, Makoto (KEK)

Session Classification: Accelerator

Contribution ID: **96**

Type: **not specified**

CEPC linac

Monday, 26 October 2020 10:50 (20 minutes)

Presenter: Mr MENG, Cai (IHEP)

Session Classification: Accelerator

Contribution ID: 97

Type: **not specified**

CEPC transport lines

Monday, 26 October 2020 11:10 (20 minutes)

Presenter: Mr CUI, Xiaohao (IHEP)

Session Classification: Accelerator

Contribution ID: **98**

Type: **not specified**

RAON SC linac

Monday, 26 October 2020 11:30 (20 minutes)

Presenter: SOHN, Younguk (Postech)

Session Classification: Accelerator

Contribution ID: **99**

Type: **not specified**

PAL-XFEL linac

Monday, 26 October 2020 11:50 (20 minutes)

Presenter: MIN, Chang-Ki (Postech)

Session Classification: Accelerator

Contribution ID: **100**

Type: **not specified**

CEPC SCRF system and R&D

Monday, 26 October 2020 14:00 (20 minutes)

Presenter: Mr ZHAI, Jiyuan (IHEP)

Session Classification: Accelerator

Contribution ID: **101**

Type: **not specified**

CEPC klystron R&D

Monday, 26 October 2020 14:20 (20 minutes)

Presenter: Dr ZHOU, Zusheng (Institute of High Energy Physics)

Session Classification: Accelerator

Contribution ID: **102**

Type: **not specified**

CEPC Linac and damping ring R&D

Monday, 26 October 2020 14:40 (20 minutes)

Presenter: ZHANG, Jingru (IHEP)

Session Classification: Accelerator

Contribution ID: **103**

Type: **not specified**

Alternatives injection design

Monday, 26 October 2020 15:00 (20 minutes)

Presenter: BAI, Bowen (IJClab-UPSay/IHEP)

Session Classification: Accelerator

Contribution ID: **104**

Type: **not specified**

CEPC synchrotron radiation

Monday, 26 October 2020 15:20 (20 minutes)

Presenter: HUANG YONGSHENG (IHEP)

Session Classification: Accelerator

Contribution ID: **105**

Type: **not specified**

CEPC controls

Monday, 26 October 2020 15:40 (20 minutes)

Presenter: Dr LI, Gang (IHEP)

Session Classification: Accelerator

Contribution ID: **106**

Type: **not specified**

CEPC collider ring magnets R&D

Monday, 26 October 2020 16:30 (20 minutes)

Presenter: YANG, Mei (IHEP)

Session Classification: Accelerator

Contribution ID: **107**

Type: **not specified**

CEPC booster magnets R&D

Monday, 26 October 2020 16:50 (20 minutes)

Presenter: Dr KANG, Wen (IHEP)

Session Classification: Accelerator

Contribution ID: **108**

Type: **not specified**

CEPC vacuum R&D

Monday, 26 October 2020 17:10 (20 minutes)

Presenter: Mr DONG, Haiyi (IHEP)

Session Classification: Accelerator

Contribution ID: **109**

Type: **not specified**

CEPC instrumentation R&D

Monday, 26 October 2020 17:30 (20 minutes)

Presenter: Dr SUI, Yanfeng (IHEP)

Session Classification: Accelerator

Contribution ID: **110**

Type: **not specified**

CEPC cryogenics system

Monday, 26 October 2020 17:50 (20 minutes)

Presenters: LI, Shaopeng (IHEP); Mr ZHAO, Tongxian (IHEP)

Session Classification: Accelerator

Contribution ID: 111

Type: **not specified**

CEPC power sources and electro-magnetic separators R&D

Monday, 26 October 2020 18:10 (20 minutes)

Session Classification: Accelerator

Contribution ID: **112**

Type: **not specified**

CEPC injection/extraction

Tuesday, 27 October 2020 08:30 (20 minutes)

Presenter: Dr CHEN, Jinhui (Institute of High Energy Physics)

Session Classification: Accelerator

Contribution ID: **113**

Type: **not specified**

Plasma injector

Tuesday, 27 October 2020 08:50 (20 minutes)

Presenters: Dr LI, Dazhang (IHEP); Dr LU, Wei (Tsinghua University)

Session Classification: Accelerator

Contribution ID: **114**

Type: **not specified**

SPPC issues

Tuesday, 27 October 2020 09:10 (20 minutes)

Presenters: Prof. TANG, Jingyu (IHEP); Dr WANG, Yiwei (IHEP)

Session Classification: Accelerator

Contribution ID: **115**

Type: **not specified**

CLIC collaboration issues

Tuesday, 27 October 2020 09:30 (20 minutes)

Presenter: Dr SHI, JIARU (Tsinghua University)

Session Classification: Accelerator

Contribution ID: **116**

Type: **not specified**

Polarization at CEPC and FCC-ee

Tuesday, 27 October 2020 09:50 (20 minutes)

Presenter: Dr NIKITIN, Sergei (Budker Institute of Nuclear Physics)

Session Classification: Accelerator

Contribution ID: **117**

Type: **not specified**

CEPC mechanics

Tuesday, 27 October 2020 10:30 (20 minutes)

Presenter: HAIJING, Wang (IHEP)

Session Classification: Accelerator

Contribution ID: **118**

Type: **not specified**

CEPC alignment and installation

Tuesday, 27 October 2020 10:50 (20 minutes)

Presenter: Mr WANG, Xiaolong (IHEP)

Session Classification: Accelerator

Contribution ID: **119**

Type: **not specified**

CEPC civil engineering

Tuesday, 27 October 2020 11:10 (20 minutes)

Presenter: XIAO, Yu (黄河勘测规划设计研究院有限公司)

Session Classification: Accelerator

Contribution ID: **120**

Type: **not specified**

CEPC civil engineering

Tuesday, 27 October 2020 11:30 (20 minutes)

Presenter: HUANG, Ke (Huangdong)

Session Classification: Accelerator

Contribution ID: **121**

Type: **not specified**

CEPC civil engineering

Tuesday, 27 October 2020 11:50 (20 minutes)

Presenter: 张, 智超 (中国电建集团中南勘测设计研究院有限公司)

Session Classification: Accelerator

Contribution ID: **122**

Type: **not specified**

Laser Plasma Wakefield Positron Acceleration

Tuesday, 27 October 2020 14:00 (20 minutes)

Presenter: YAN, Xueqing (Peking Uni)

Session Classification: Accelerator

Contribution ID: **123**

Type: **not specified**

CEPC radiation protection and dumps

Tuesday, 27 October 2020 14:20 (20 minutes)

Presenter: Mr MA, Zhongjian (IHEP)

Session Classification: Accelerator

Contribution ID: **124**

Type: **not specified**

FCC-ee issues and FCC-hh key issues

Tuesday, 27 October 2020 14:40 (20 minutes)

Presenter: Dr ZIMMERMANN, Frank (CERN)

Session Classification: Accelerator

Contribution ID: **125**

Type: **not specified**

FCC-hh lattice design

Tuesday, 27 October 2020 15:00 (20 minutes)

Presenter: CHANCE, Antoine (CEA)

Session Classification: Accelerator

Contribution ID: **126**

Type: **not specified**

Status and lessons from Super Tau Charm project

Tuesday, 27 October 2020 15:20 (20 minutes)

Presenter: Dr BOGOMYAGKOV, Anton (BINP)

Session Classification: Accelerator

Contribution ID: **127**

Type: **not specified**

Non conventional positron targets

Tuesday, 27 October 2020 15:40 (20 minutes)

Presenter: Mr HAN, Yanliang (IJCLab)

Session Classification: Accelerator

Contribution ID: **128**

Type: **not specified**

Introduction: high-granularity calorimeters

Tuesday, 27 October 2020 14:00 (10 minutes)

Presenters: Dr SIMON, Frank (Max-Planck-Institute for Physics); Mr PÖSCHL, Roman (Laboratoire de l'accélérateur Linéaire)

Session Classification: Calorimetry

Contribution ID: **129**

Type: **not specified**

News on technological developments within CALICE

Tuesday, 27 October 2020 14:10 (25 minutes)

Presenter: SUEHARA, Taikan (Kyushu University)

Session Classification: Calorimetry

Contribution ID: **130**

Type: **not specified**

Results of CALICE prototypes

Tuesday, 27 October 2020 14:35 (25 minutes)

Presenter: LIU, Bing (SJTU/IPNL)

Session Classification: Calorimetry

Contribution ID: **131**

Type: **not specified**

Development of the CEPC Scintillator-Tungsten ECAL prototype

Tuesday, 27 October 2020 09:20 (20 minutes)

Presenter: NIU, Yazhou (USTC)

Session Classification: Calorimetry

Contribution ID: **132**

Type: **not specified**

Development of the CEPC Scintillator-Steel HCAL prototype

Tuesday, 27 October 2020 09:40 (20 minutes)

Presenter: JIANG, Jiechen (IHEP)

Session Classification: Calorimetry

Contribution ID: 133

Type: **not specified**

Studies on the High-Granularity Crystal ECAL

Tuesday, 27 October 2020 08:30 (25 minutes)

Presenter: Dr LIU, Yong (IHEP)

Session Classification: Calorimetry

Contribution ID: 134

Type: **not specified**

Studies on combined calorimeters with crystals and dual-readout

Tuesday, 27 October 2020 08:55 (25 minutes)

Presenter: ENO, Sarah (University of Maryland)

Session Classification: Calorimetry

Contribution ID: 135

Type: **not specified**

Simulation and machine learning for the Dual-Readout Calorimeter

Tuesday, 27 October 2020 15:15 (20 minutes)

Presenter: LEE, YunJae (U)

Session Classification: Calorimetry

Contribution ID: **136**

Type: **not specified**

Status and plans for Dual-Readout Calorimetry R&D

Tuesday, 27 October 2020 15:35 (25 minutes)

Presenter: SANTORO, Romualdo (Insubria University and INFN - MI)

Session Classification: Calorimetry

Contribution ID: **137**

Type: **not specified**

Performance and analysis results of Dual-Readout simulated data

Tuesday, 27 October 2020 15:00 (15 minutes)

Presenter: VIVARELLI, Iacopo (U. Sussex)

Session Classification: Calorimetry

Contribution ID: **138**

Type: **not specified**

Overview of CEPC silicon detectors

Presenter: Dr ZHU, Hongbo (IHEP)

Contribution ID: **139**

Type: **not specified**

Overview of CEPC silicon detectors

Monday, 26 October 2020 08:30 (20 minutes)

Presenter: Dr ZHU, Hongbo (IHEP)

Session Classification: Silicon Detector

Contribution ID: 140

Type: **not specified**

Development of CMOS pixel sensors with high resolution and low power for the CEPC vertex detector (MOST1)

Monday, 26 October 2020 08:50 (15 minutes)

Presenter: Ms ZHANG, ying (IHEP)

Session Classification: Silicon Detector

Contribution ID: **141**

Type: **not specified**

Status of the TaichuPix chip for the high-rate CEPC Vertex Detector (MOST2)

Monday, 26 October 2020 09:05 (15 minutes)

Presenter: Mr WEI, Wei (IHEP)

Session Classification: Silicon Detector

Contribution ID: 142

Type: **not specified**

TowerJazz 65nm process for a high resolution pixel detector

Monday, 26 October 2020 09:20 (20 minutes)

Presenter: GONELLA, Laura (University of Birmingham)

Session Classification: Silicon Detector

Contribution ID: 143

Type: **not specified**

ARCADIA (Advanced Readout CMOS Architectures with Depleted Integrated sensor Arrays)

Monday, 26 October 2020 09:40 (20 minutes)

Presenter: GIUBILATO, Piero (University & INFN in Padova (ITALY))

Session Classification: Silicon Detector

Contribution ID: 144

Type: **not specified**

Current and future development on CMOS pixel sensors

Monday, 26 October 2020 14:00 (20 minutes)

Presenters: Dr HU-GUO, Christine (IPHC-IN2P3/CNRS, UDS); Prof. BAUDOT, Jerome (IPHC-CNRS)

Session Classification: Silicon Detector

Contribution ID: **145**

Type: **not specified**

From ATLASPix3 to CEPCPix1

Monday, 26 October 2020 14:20 (20 minutes)

Presenters: ZHANG, Hui (Karlsruhe Institute of Technology); PERIC, Ivan (K)

Session Classification: Silicon Detector

Contribution ID: 146

Type: **not specified**

R&D on low mass mechanics and highly integrated cooling for future inner tracking devices

Monday, 26 October 2020 14:50 (15 minutes)

Primary author: MASSA, Maurizio (Pisa)

Presenter: BOSI, Filippo (INFN)

Session Classification: Silicon Detector

Contribution ID: **147**

Type: **not specified**

Recent development in LGAD detectors

Monday, 26 October 2020 15:05 (20 minutes)

Presenter: SADROZINSKI, Hartmut (University of California Santa Cruz)

Session Classification: Silicon Detector

Contribution ID: **148**

Type: **not specified**

Lessons learned from the ATLAS upgrade tracker design

Monday, 26 October 2020 15:25 (20 minutes)

Presenter: ELSING, Markus (CERN)

Session Classification: Silicon Detector

Contribution ID: 149

Type: **not specified**

ALICE ITS3: ultra-thin, wafer-scale, flexible MAPS for truly-cylindrical, minimum-material-budget inner tracking layers

Monday, 26 October 2020 15:45 (15 minutes)

Presenter: MAGER, Magnus (CERN)

Session Classification: Silicon Detector

Contribution ID: **150**

Type: **not specified**

Experimental status of Z pole and W measurements

Monday, 26 October 2020 16:30 (30 minutes)

Presenter: Prof. LIANG, Zhijun (IHEP)

Session Classification: SMEW

Contribution ID: **151**

Type: **not specified**

Status and perspectives for diboson theory predictions

Monday, 26 October 2020 17:00 (20 minutes)

Presenter: SCHWINN, Christian (RWTH Aachen University)

Session Classification: SMEW

Contribution ID: 153

Type: **not specified**

Status of the theoretical predictions for the $t\bar{t}b\bar{b}$ production cross section

Monday, 26 October 2020 18:00 (20 minutes)

Presenter: HOANG, Andre (University of Vienna)

Session Classification: SMEW

Contribution ID: 154

Type: **not specified**

Impact of Delta α_{had} on the EW fit at future e^+e^- colliders

Monday, 26 October 2020 17:40 (20 minutes)

Presenter: Dr PASSERA, Massimo (Padova)

Session Classification: SMEW

Contribution ID: 155

Type: **not specified**

Global Higgs+EW fit at e+e- Higgs factories

Presenter: Dr GU, Jiayin (JGU Mainz)

Contribution ID: **156**

Type: **not specified**

NLO EWPO in SMEFT and Higgs trilinear coupling determination

Presenter: GIARDINO, Pier Paolo

Contribution ID: 157

Type: **not specified**

Machine Learning Deep Neural Networks and experimental likelihoods

Presenter: TORRE, Riccardo

Contribution ID: **158**

Type: **not specified**

Machine Learning Deep Neural Networks and experimental likelihoods

Tuesday, 27 October 2020 00:00 (20 minutes)

Presenter: TORRE, Riccardo (INFN-GE)

Session Classification: SMEW

Contribution ID: **159**

Type: **not specified**

State of the art in Higgs/EW higher-order computations

Tuesday, 27 October 2020 00:20 (20 minutes)

Presenter: FREITAS, Ayres (University of Pittsburgh)

Session Classification: SMEW

Contribution ID: **160**

Type: **not specified**

NLO EWPO in SMEFT and Higgs trilinear coupling determination

Tuesday, 27 October 2020 00:40 (20 minutes)

Presenter: GIARDINO, Pier Paolo (Instituto de Fisica Teorica, UAM/CSIC)

Session Classification: SMEW

Contribution ID: **161**

Type: **not specified**

Lepton PDF and Monte Carlo event generators

Wednesday, 28 October 2020 16:30 (30 minutes)

Presenter: FRIXIONE, Stefano (INFN Genoa)

Session Classification: SMEW

Contribution ID: **162**

Type: **not specified**

Learning Physics at Future e-e+ Colliders with Machine

Wednesday, 28 October 2020 17:00 (20 minutes)

Presenter: XU, Sijun (Hong Kong University of Science and Technology)

Session Classification: SMEW

Contribution ID: **163**

Type: **not specified**

Multi-particle final states at 1-loop EW

Wednesday, 28 October 2020 17:20 (20 minutes)

Presenter: PELLEN, Mathieu (University of Freiburg)

Session Classification: SMEW

Contribution ID: **164**

Type: **not specified**

Analytical and numerical evaluation of 2- and 3-loop integrals with massive lines.

Wednesday, 28 October 2020 17:40 (20 minutes)

Presenter: MANDAL, Manoj (INFN and University of Padova)

Session Classification: SMEW

Contribution ID: **165**

Type: **not specified**

2-loop EW calculations at the LHC and perspectives for e+e- colliders

Wednesday, 28 October 2020 18:00 (20 minutes)

Presenter: BUCCIONI, Federico (University of Oxford)

Session Classification: SMEW

Contribution ID: **166**

Type: **not specified**

Implication of Higgs/EW precision on 2HDM

Monday, 26 October 2020 23:00 (20 minutes)

Presenter: Dr SU, Wei (Adelaide University)

Session Classification: SMEW-Higgs Joint Session

Contribution ID: **167**

Type: **not specified**

Towards v2.0 of the CEPC EFT fit

Monday, 26 October 2020 23:39 (20 minutes)

Presenter: Dr GU, Jiayin (JGU Mainz)

Session Classification: SMEW-Higgs Joint Session

Contribution ID: **168**

Type: **not specified**

Combined Higgs/EW/Top fits with RG approach

Monday, 26 October 2020 23:20 (19 minutes)

Presenter: TIAN, Junping (The University of Tokyo)

Session Classification: SMEW-Higgs Joint Session

Contribution ID: **169**

Type: **not specified**

Status of CEPC Software

Tuesday, 27 October 2020 16:30 (23 minutes)

Presenter: Prof. HUANG, Xingtao (Shandong University)

Session Classification: Offline and Software

Contribution ID: **170**

Type: **not specified**

Status and Plans of ROOT

Tuesday, 27 October 2020 16:53 (23 minutes)

Presenter: NAUMANN, Axel (CERN)

Session Classification: Offline and Software

Contribution ID: 171

Type: **not specified**

The DIRAC Interware-current, upcoming and planned capabilities and technologies

Tuesday, 27 October 2020 17:16 (23 minutes)

Presenter: STAGNI, Federico

Session Classification: Offline and Software

Contribution ID: 172

Type: **not specified**

Belle II data management with Rucio

Tuesday, 27 October 2020 17:39 (23 minutes)

Presenter: SERFON, Cedric (BNL)

Session Classification: Offline and Software

Contribution ID: 173

Type: **not specified**

Software validation at LHCb

Tuesday, 27 October 2020 18:02 (23 minutes)

Presenter: BURR, Chris (CERN)

Session Classification: Offline and Software

Contribution ID: 174

Type: **not specified**

Analysis tools and infrastructure

Wednesday, 28 October 2020 08:30 (23 minutes)

Presenter: WATTS, Gordon (University of Washington)

Session Classification: Offline and Software

Contribution ID: 175

Type: **not specified**

Tracking in TPC and silicon detectors

Wednesday, 28 October 2020 08:53 (23 minutes)

Presenter: FU, Chengdong (IHEP)

Session Classification: Offline and Software

Contribution ID: **176**

Type: **not specified**

Status of ACTS at CEPC

Wednesday, 28 October 2020 09:16 (23 minutes)

Presenter: CHEN, Yebo (IHEP)

Session Classification: Offline and Software

Contribution ID: 177

Type: **not specified**

Simulation and reconstruction in ECAL

Wednesday, 28 October 2020 09:39 (23 minutes)

Presenter: Dr SUN, Sheng-Sen (IHEP)

Session Classification: Offline and Software

Contribution ID: 178

Type: **not specified**

Physics requirements for the CEPC detector

Presenter: Prof. RUAN, Manqi

Contribution ID: 179

Type: **not specified**

Physics performance of the baseline detector

Presenter: YU, Dan (IHEP)

Contribution ID: **180**

Type: **not specified**

Physics Performance of the Concept with Crystal ECAL and Dual Readout HCAL

Presenter: Prof. CHRISTOPHE, Tully (Princeton University)

Contribution ID: **181**

Type: **not specified**

Performance study of the IDEA detector

Tuesday, 27 October 2020 16:30 (24 minutes)

Presenter: DE FILIPPIS, Nicola (Politecnico and INFN Bari)

Session Classification: Performance

Contribution ID: **182**

Type: **not specified**

Performance Study of the New Concept with Bar Crystal ECAL

Tuesday, 27 October 2020 17:15 (24 minutes)

Presenter: Dr LIU, Yong (Institute of High Energy Physics)

Session Classification: Performance

Contribution ID: **183**

Type: **not specified**

Performance of the CLIC detector and the CLD detector of FCC-ee for high-energy running

Tuesday, 27 October 2020 16:55 (20 minutes)

Presenter: ROLOFF, Philipp (CERN)

Session Classification: Performance

Contribution ID: **184**

Type: **not specified**

Particle identification at the Z factory

Tuesday, 27 October 2020 17:40 (20 minutes)

Presenter: GRANCAGNOLO, Francesco (INFN-Lecce)

Session Classification: Performance

Contribution ID: **185**

Type: **not specified**

(Tracking) Detector design & optimization software : tkLayout tool

Tuesday, 27 October 2020 18:00 (20 minutes)

Presenter: HUGO, Gabrielle (M)

Session Classification: Performance

Contribution ID: **186**

Type: **not specified**

Physics Requirement of the CEPC detector

Tuesday, 27 October 2020 10:30 (30 minutes)

Presenter: Mr RUAN, Manqi (IHEP)

Session Classification: Performance

Contribution ID: **187**

Type: **not specified**

Physics Performance of the CEPC CDR baseline detector

Tuesday, 27 October 2020 11:00 (30 minutes)

Presenter: Dr YU, Dan (IHEP)

Session Classification: Performance

Contribution ID: **188**

Type: **not specified**

Physics Performance of the New Concept with Crystal ECAL and Dual Readout HCAL

Tuesday, 27 October 2020 11:30 (30 minutes)

Presenter: TULLY, Chris (Princeton University)

Session Classification: Performance

Contribution ID: **189**

Type: **not specified**

Flavor Physics –A Theory Review

Wednesday, 28 October 2020 08:30 (35 minutes)

Presenter: ALTMANNSHOFER, Wolfgang (UCSC)

Session Classification: Flavor Physics

Contribution ID: **190**

Type: **not specified**

Flavor Anomalies

Primary author: ROBINSON, Dean

Presenter: ROBINSON, Dean

Contribution ID: **191**

Type: **not specified**

Potential in probes of new physics: rare hyperon decays vs. kaon decays

Wednesday, 28 October 2020 09:05 (25 minutes)

Presenter: GENG, Li-Sheng (BUAA)

Session Classification: Flavor Physics

Contribution ID: **192**

Type: **not specified**

Probing new physics with LFV Z decays at the CEPC

Wednesday, 28 October 2020 09:30 (25 minutes)

Primary author: CALIBBI, Lorenzo

Presenter: CALIBBI, Lorenzo (Nankai University)

Session Classification: Flavor Physics

Contribution ID: **193**

Type: **not specified**

Flavor Physics –An Experimental Review

Wednesday, 28 October 2020 14:00 (30 minutes)

Presenter: SOFFER, Abi (Tel Aviv U.)

Session Classification: Flavor Physics

Contribution ID: **194**

Type: **not specified**

Analysis of $B_c \rightarrow \tau \nu$ at CEPC

Wednesday, 28 October 2020 14:30 (20 minutes)

Presenter: ZHENG TAIFAN

Session Classification: Flavor Physics

Contribution ID: **195**

Type: **not specified**

Double-charm tetra-quark production at CEPC

Wednesday, 28 October 2020 14:50 (20 minutes)

Presenter: Mr YU, FuSheng (IHEP)

Session Classification: Flavor Physics

Contribution ID: 196

Type: **not specified**

Flavor-changing charm decays illuminating dark photons at CEPC

Wednesday, 28 October 2020 15:10 (20 minutes)

Presenter: TANDEAN, Jusak (Department of Physics National Taiwan University)

Session Classification: Flavor Physics

Contribution ID: **197**

Type: **not specified**

Leptoquarks at future e^+e^- colliders

Wednesday, 28 October 2020 15:30 (20 minutes)

Presenter: CRIVELLIN, Andreas (Zurich U.)

Session Classification: Flavor Physics

Contribution ID: **198**

Type: **not specified**

Discussions

Wednesday, 28 October 2020 15:50 (10 minutes)

Session Classification: Flavor Physics

Contribution ID: **199**

Type: **not specified**

Discussions

Tuesday, 27 October 2020 23:00 (50 minutes)

Session Classification: Performance

Contribution ID: **200**

Type: **not specified**

EFT vs SMEFT

Monday, 26 October 2020 08:30 (20 minutes)

Presenter: Dr LU, Xiaochuan (University of Oregon)

Session Classification: Higgs

Contribution ID: **201**

Type: **not specified**

Higgs coupling measurement and model independent bounds on BSM

Monday, 26 October 2020 08:50 (20 minutes)

Presenter: Dr CHANG, Spencer (University of Oregon)

Session Classification: Higgs

Contribution ID: **202**

Type: **not specified**

Higgs Rare Decays into Dark Sectors

Monday, 26 October 2020 09:10 (20 minutes)

Presenter: Dr LIU, Zhen (University of Maryland)

Session Classification: Higgs

Contribution ID: **203**

Type: **not specified**

Yukawa coupling measurement at the CEPC

Monday, 26 October 2020 09:30 (20 minutes)

Presenter: Dr YAN, Bin (Los Alamos National Lab)

Session Classification: Higgs

Contribution ID: **204**

Type: **not specified**

Higgs precision analyses

Monday, 26 October 2020 09:50 (20 minutes)

Presenter: Prof. FANG, Yaquan (IHEP)

Session Classification: Higgs

Contribution ID: **205**

Type: **not specified**

Higgs CP measurement analyses

Monday, 26 October 2020 14:00 (20 minutes)

Presenter: GUO, Fangyi (IHEP)

Session Classification: Higgs

Contribution ID: **206**

Type: **not specified**

Exotic Higgs decays

Monday, 26 October 2020 14:20 (20 minutes)

Presenter: Dr JIANG, Mingyuan (ITP)

Session Classification: Higgs

Contribution ID: **207**

Type: **not specified**

Higgs self-couplings for extended Higgs sectors

Monday, 26 October 2020 14:40 (20 minutes)

Presenter: KANEMURA, Shinya (Osaka University)

Session Classification: Higgs

Contribution ID: **208**

Type: **not specified**

Higgs portals at e+e- Higgs factories

Monday, 26 October 2020 15:00 (20 minutes)

Presenter: Dr ENGLERT, Christoph (Glasgow)

Session Classification: Higgs

Contribution ID: **209**

Type: **not specified**

Natural composite Higgs model

Monday, 26 October 2020 15:20 (20 minutes)

Presenter: Dr MA, Teng (Technion)

Session Classification: Higgs

Contribution ID: **210**

Type: **not specified**

Higgs couplings in neutral naturalness models

Monday, 26 October 2020 15:40 (20 minutes)

Presenter: Dr HEURTIER, Lucien (IPPP)

Session Classification: Higgs

Contribution ID: **211**

Type: **not specified**

FCC-ee MDI layout & SR masks in the FCC-ee MDI area

Tuesday, 27 October 2020 16:30 (30 minutes)

Presenter: LUCKHOF, Marian (Hamburg University)

Session Classification: MDI, Magnet and Integration

Contribution ID: **212**

Type: **not specified**

FCCee Interaction Region Backgrounds

Tuesday, 27 October 2020 17:00 (30 minutes)

Presenter: VOUTSINAS, Georgios (C)

Session Classification: MDI, Magnet and Integration

Contribution ID: **213**

Type: **not specified**

Belle II beam background simulation

Tuesday, 27 October 2020 17:30 (20 minutes)

Presenter: NATOCHIL, Andrii (University of Hawaii)

Session Classification: MDI, Magnet and Integration

Contribution ID: **214**

Type: **not specified**

Beam background in CEPC MDI

Tuesday, 27 October 2020 17:50 (20 minutes)

Presenter: SHI, Haoyu (IHEP)

Session Classification: MDI, Magnet and Integration

Contribution ID: 215

Type: **not specified**

Superconducting magnets design in CEPC IR

Wednesday, 28 October 2020 11:00 (20 minutes)

Presenter: ZHU, Yingshun (IHEP)

Session Classification: MDI, Magnet and Integration

Contribution ID: **216**

Type: **not specified**

Latest beam background measurements at Belle II and future prospects

Wednesday, 28 October 2020 10:30 (30 minutes)

Presenter: NAKAYAMA, Hiroyuki (KEK)

Session Classification: MDI, Magnet and Integration

Contribution ID: **217**

Type: **not specified**

TBD

Contribution ID: **218**

Type: **not specified**

The geometry and acceptance for CEPC LumiCalA

Wednesday, 28 October 2020 11:40 (20 minutes)

Presenter: HOU, Suen (IPAS)

Session Classification: MDI, Magnet and Integration

Contribution ID: **219**

Type: **not specified**

Progress of Beampipe mechanical design

Wednesday, 28 October 2020 11:20 (20 minutes)

Presenters: JI QUAN; 张锐强 (高能所)

Session Classification: MDI, Magnet and Integration

Contribution ID: **220**

Type: **not specified**

status on the silicon tracker demonstrator

Monday, 26 October 2020 14:40 (10 minutes)

Presenter: Prof. ANDREAZZA, Attilio (Università degli Studi di Milano and INFN)

Session Classification: Silicon Detector

Contribution ID: 223

Type: **not specified**

Neutral triple gauge boson coupling at future e+e-collider

Monday, 26 October 2020 17:20 (20 minutes)

Presenter: Dr XIAO, Rui-Qing (Shanghai Jiao Tong University)

Session Classification: SMEW

Contribution ID: 224

Type: **not specified**

Cosmological first-order phase transition and Higgs phenomenology at colliders

Wednesday, 28 October 2020 16:30 (30 minutes)

Presenter: BIAN, Ligong (Chongqing University)

Session Classification: BSM

Contribution ID: 225

Type: **not specified**

Looking for dark sector in the low energy experiments]

Wednesday, 28 October 2020 17:00 (30 minutes)

Presenter: LIU, Jia (Peking University)

Session Classification: BSM

Contribution ID: 226

Type: **not specified**

Impact of electromagnetic deflection of initial state in luminosity measurement at the CEPC Z pole

Tuesday, 27 October 2020 18:10 (20 minutes)

Presenters: KACAREVIC, Goran; SMILJANIĆ, Ivan; Prof. BOZOVIC, Ivanka (Vinca Institute of Nuclear Sciences)

Session Classification: MDI, Magnet and Integration

Contribution ID: **227**

Type: **not specified**

Introduction of the TDAQ requirements

Wednesday, 28 October 2020 10:30 (10 minutes)

Presenter: Prof. LIU, Zhen An (IHEP)

Session Classification: TDAQ and Online

Contribution ID: **228**

Type: **not specified**

Requirements from the Vertex Dedector

Wednesday, 28 October 2020 10:50 (10 minutes)

Presenter: Mr WEI, Wei (IHEP)

Session Classification: TDAQ and Online

Contribution ID: **229**

Type: **not specified**

Requirements from the TPC

Wednesday, 28 October 2020 11:00 (10 minutes)

Presenter: Dr QI, Huirong (IHEP)

Session Classification: TDAQ and Online

Contribution ID: **230**

Type: **not specified**

Requirements from the ECAL & HCAL

Wednesday, 28 October 2020 11:10 (10 minutes)

Presenter: Dr LIU, Yong (IHEP)

Session Classification: TDAQ and Online

Contribution ID: **231**

Type: **not specified**

Requirements from the LumiCal, Suen Hou

Wednesday, 28 October 2020 10:40 (10 minutes)

Presenter: HOU, Suen (IPAS)

Session Classification: TDAQ and Online

Contribution ID: 232

Type: **not specified**

Pixel readout technologies and the challenges for the future

Wednesday, 28 October 2020 11:20 (20 minutes)

Presenter: MAURICE, Garcia-Sciveres (LBNL)

Session Classification: TDAQ and Online

Contribution ID: 233

Type: **not specified**

Requirements from the Drift Chamber

Wednesday, 28 October 2020 14:00 (10 minutes)

Presenter: GRANCAGNOLO, Francesco (INFN-Lecce)

Session Classification: TDAQ and Online

Contribution ID: 234

Type: **not specified**

Requirements from DR Calorimeter

Wednesday, 28 October 2020 14:10 (10 minutes)

Presenter: FERRARI, Roberto (INFN)

Session Classification: TDAQ and Online

Contribution ID: 235

Type: **not specified**

Requirements from the Muon Detector

Wednesday, 28 October 2020 14:20 (10 minutes)

Presenter: GIACOMELLI, Paolo (INFN-Bo)

Session Classification: TDAQ and Online

Contribution ID: 236

Type: **not specified**

Requirements from the Silicon Tracker

Wednesday, 28 October 2020 14:30 (10 minutes)

Presenter: DOPKE, Jens (STFC Rutherford Appleton Laboratory)

Session Classification: TDAQ and Online

Contribution ID: **237**

Type: **not specified**

LHCb software-only trigger

Wednesday, 28 October 2020 14:40 (15 minutes)

Presenter: VOM BRUCH, Dorothea (LPNHE)

Session Classification: TDAQ and Online

Contribution ID: 238

Type: **not specified**

ATLAS HLT tracking optimisation

Wednesday, 28 October 2020 14:55 (15 minutes)

Presenter: SUTTON, Mark (Sussex)

Session Classification: TDAQ and Online

Contribution ID: 239

Type: **not specified**

High-Precision Timing Distribution Systems for LHC experiments

Wednesday, 28 October 2020 15:10 (15 minutes)

Presenter: MENDES, Eduardo (CERN)

Session Classification: TDAQ and Online

Contribution ID: **240**

Type: **not specified**

Discussions

Wednesday, 28 October 2020 15:25 (35 minutes)

Session Classification: TDAQ and Online

Contribution ID: **241**

Type: **not specified**

Status of the gaseous detector on jet studies with PID

Monday, 26 October 2020 18:10 (15 minutes)

Presenter: Dr YUAN, Zhiyang (IHEP)

Session Classification: Gaseous Detector