

Introductory remarks

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中國科學院高能物理研究所

*Institute of High Energy Physics
Chinese Academy of Sciences*



CDR News

- First draft from each subgroup due on Saturday, September 30
 - Full-silicon detector concept already available - Weiming Yao
 - Will work during 1-week vacation to identify how to merge the text
- Share your text using GIT repository:
 - http://cepcgit.ihep.ac.cn/cepcdoc/CDR/tree/master/CDR_draft
 - You are free to continue editing the text once you submit it to the repository
 - So, I would encourage you to start adding it now

IHEP-CEPC-DR-2018-XX

IHEP-EP-2018-XX

IHEP-TH-2018-XX

CEPC-SPPC

Conceptual Design Report

Volume I - Physics & Detector

The CEPC-SPPC Study Group

March 2018

Outline

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November Workshop

- <http://indico.ihep.ac.cn/event/6618/overview>
 - 6-8 November 2017 at IHEP
- Number of attendees registered: 142
 - 40% from international institutions
 - Missing many registrations from Chinese institutions
 - Make sure to encourage colleagues, students and postdocs to attend
 - Make sure to register yourself!
- Preliminary program is almost finalized



November Workshop

- Physics and Detector Sessions almost finalized
 - Session 1: Silicon Vertex and Tracker
 - Session 2: Gaseous detectors (drift chamber, TPC and muons)
 - Session 3: Calorimeters (PFA and DR)
 - Session 4: Detector concepts and system aspects (including magnet)
 - Session 5: Physics and Simulation
 - Session 6: Physics and Simulation (common with theory)
- Parallel talks:
 - Status reports from each subgroup will be presented
 - Talks will need to be prepared ahead of time
 - There will be a rehearsal organized before the meeting
- Poster Session:
 - As agreed last week, we will have a poster session to highlight the on-going CEPC work
 - Have postdocs and students preparing posters
 - Need to know how approximately many posters we have per group



Preliminary Program

Preliminary Program

International Workshop on High Energy Circular
Electron-Positron Collider
IHEP, Beijing, China

Nov 6th, 08:30 - 10:30 Plenary Session I: CEPC-SppC

Overview

Opening Address 15'
CEPC-SppC Overview & Objectives 20'
CEPC Physics - status 20'
CEPC accelerator CDR - status 25'
CEPC Detector status 20'
SppC status 20'

Nov 6th 10:30 - 11:00 Coffee-Tea Break

Nov 6th 11:00 - 12:15 Plenary Session II: CEPC-SppC Development and R&D

CEPC-SppC infrastructure – status & plan 25'
CEPC R&D highlights – status and plan 25'
SppC super conducting magnet – status and plan 25'

Nov 6th, 12:30 - 14:00 Lunch at IHEP Guest House Restaurant

Nov 6th 14:00 - 16:00 Plenary Session III: International Initiatives

The ILC 25'
CERN roadmap and FCC 25'
Italian & INFN activities towards future colliders 25'
American activities on future colliders 25'
CEPC International collaboration 25'

Nov 6th 16:00 - 16:30 Coffee-Tea Break

Nov 6th 16:30 - 18:30 Parallel Session I

Theory I
Detector & Physics I (Concepts)
CEPC I
SppC I (SC Magnet)

Nov 6th 18:30 - 20:30 Dinner at IHEP Guest House Restaurant

Nov 7th, 08:00 - 10:00 Parallel Session II

Theory II
CEPC II
Detector & Physics II (Vertex detectors)
Detector & Physics III (Gaseous detectors)

Nov 7th 10:00 - 10:30 Coffee-Tea Break

Nov 7th, 10:30 - 12:30 Parallel Session III

Theory III
CEPC III
SppC II
Detector & Physics IV (Calorimeter)

Nov 7th, 12:30 - 14:00 Lunch at IHEP Guest House Restaurant

Nov 7th, 14:00 - 16:00 Parallel Session IV

CEPC-Industrial Consortium I (Presentation on CEPC,
Procedure and Organization)

Theory IV
CEPC IV
SppC III
Detector & Physics V (Simulation)

Nov 7th 16:00 - 16:30

Coffee-Tea Break
CEPC-Industrial Consortium meets with Press

Nov 7th, 16:30 - 18:15 Parallel Session V

CEPC-Industrial Consortium II (Business)
MDI (joint detector and accelerator) I
Detector & Physics (joint with theory) VI

Nov 7th, 18:45 - 21:00 Banquet

Location, time, transportation, seating arrangement TBA



Today's agenda

- Roundtable reports from Physics and Detector subgroups

CEPC Physics and detector regular meeting

Wednesday, 27 September 2017 from **15:00** to **18:40** (Asia/Shanghai)
at **IHEP (A511)**

Manage ▾

Vidyo Info	Room Name	CDRDiscussion
Link		http://vidyo.ihep.ac.cn/flex.html?roomdirect.html&key=TM6GDQl1d1trCGHtmxzSwzQRM
Extension		

Wednesday, 27 September 2017

15:00 - 15:10	Introduction 10'	Speaker: Joao Guimaraes Costa	▾
15:10 - 15:45	Quick CDR reports from conveners 35'		▾
	MDI 5'	Speaker: Dr. Hongbo ZHU (IHEP)	▾
	Silicon Vertex and Tracker 5'		▾
	TPC 5'		▾
	Electromagnetic Calorimeter 5'		▾
	Hadronic Calorimeter 5'		▾
	Magnet 5'		▾
	Simulation and Physics 5'	Speaker: LI Gang (EPC.IHEP)	▾



Last day of November Workshop

Nov 8th, 08:30 - 10:00 Plenary Session V: Discussion

Discussion on the CEPC CDR 45'

Discussion on organizations and cooperation 45'

Nov 8th 10:30 - 11:00 Coffee-Tea Break

Nov 8th, 10:30 - 12:30 Plenary Session VI: Summary

International Collaboration and joint R&D effort 25'

Theory summary & plan 20

Detector and Physics summary & plan 25

CEPC summary and plan 25

SppC summary and plan 20

Nov 8th, 12:30 - 14:00 Lunch at IHEP Guest House Restaurant

Nov 8th, 14:00 - 16:00 Plenary Session VII: Summary & Vision

Report from the Industry-Institute consortium 20

Report from the institutional meeting 20

Vision talk 40'

Closing remarks 20