

# Introductory remarks

João Guimarães da Costa

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中国科学院高能物理研究所

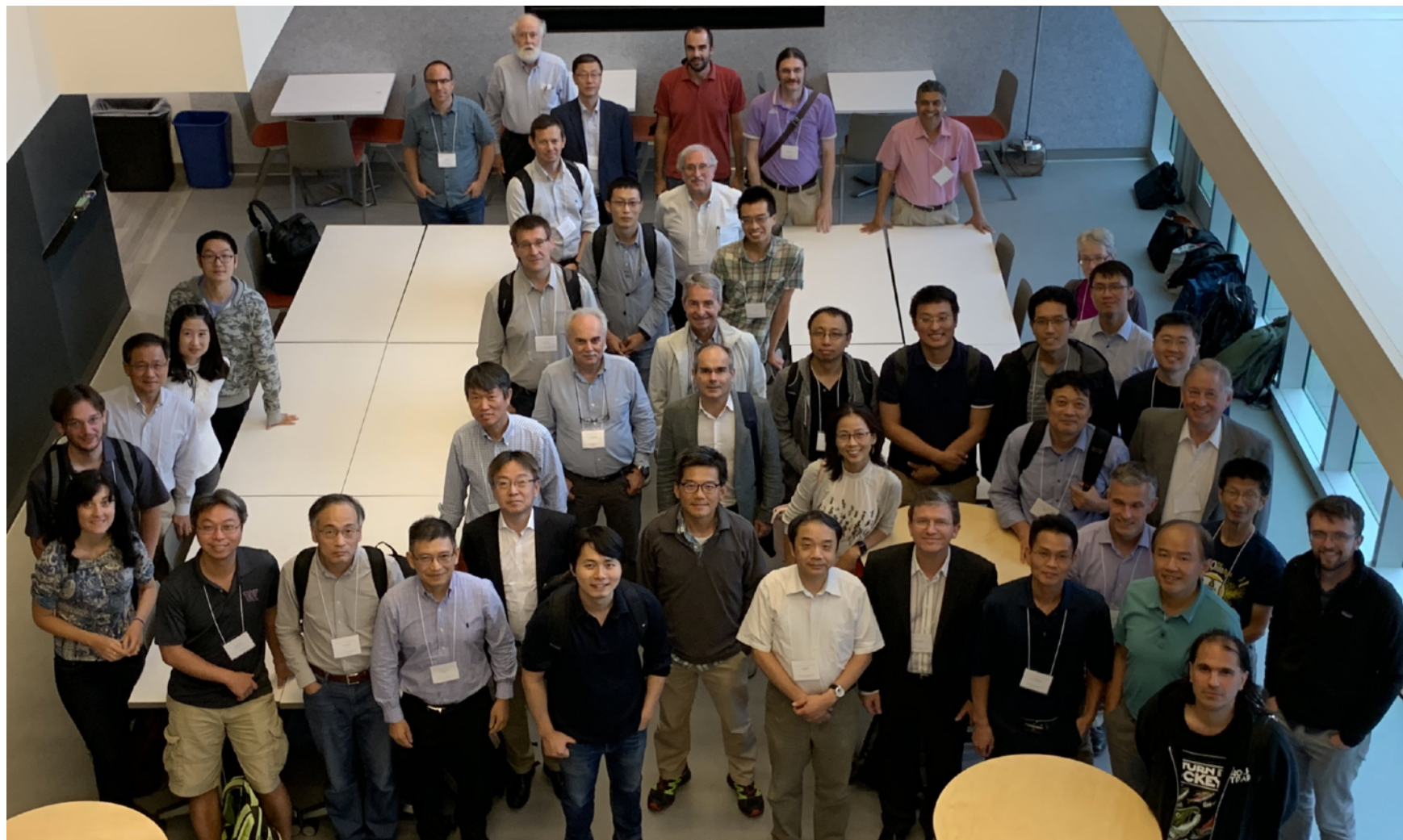
*Institute of High Energy Physics  
Chinese Academy of Sciences*



# Past Event Report

- **CEPC Workshop in Chicago, 16-18 September 2019**

- <http://cepc.uchicago.edu/>
- Mostly an internal meeting in USA to promote the CEPC within USA
- About 70 people registered



- **Possible 2nd USA Workshop in Washington, DC - April 23-24**



# Future Events

- **CEPC Day, November 1, afternoon**
  - Focus on IDEA detector?
- **The 2019 International Workshop on CEPC, Beijing**
  - Beijing, November 18-20, 2019
  - <https://indico.ihep.ac.cn/event/9960/>
- **Hong Kong UST/IAS Program and Conference**
  - **Mini-workshop: Re-evaluation of the Physics Requirements for the CEPC/FCC-ee Detectors**
    - Joint workshop CEPC/FCC-ee + others
    - Organizers: Paolo Giacomelli, Joao Guimaraes da Costa
    - Thursday, Friday: January 16-17
  - **Conference, January 20-22**
    - Organizers: Paolo Giacomelli (FCC-ee), Joao Guimaraes da Costa
- **CEPC physics workshop, HK satellite meeting, organized by Manqi**
  - The week of Jan 13-17, but dates still be finalized



# Future Events

- **Possible 2nd USA Workshop in Washington, DC - April 23-24**
- **3rd CEPC Workshop EU Edition, 4-6 May 2020, in Marseille (France)**
  - Organization will start soon
  - Organizers: Joao and Manqi (and Jie) together with French team
- **4th French Summer School on "Physics of the 2 infinities"**
  - First 3 weeks of July 2020, in Marseille (CPPM) and Lyon (IP2I)
  - Organized with the support of the French Embassy in China and Campus France



# Conferences

- International Conference on Computing in High Energy and Nuclear Physics, CHEP 2019, Adelaide, Australia
  - 4-8 November 2019
  - <http://chep2019.org/>
- "Hiroshima" Symposium on the Development and Application of Semiconductor Tracking detectors (HSTD12)
  - 15 December 2019
  - <https://indico.cern.ch/event/803258/>
- TREDI2020: 15th Trento Workshop on Advanced Silicon Radiation Detectors 17-19 February 2020, TU Wien, Austria
- International Workshop on Semiconductor Pixel Detectors for Particles and Imaging (Pixel2020), 14-18 December 2020, Santa Fe, New Mexico, USA





# CEPC Working Day

<https://indico.ihep.ac.cn/event/10617/>

Tuesday, 10 September 2019

09:00 - 12:00

Detector, Software, Physics

Convener: Prof. Xinchou LOU (高能所)


09:00 **Electroweak and top threshold physics update 30'**

Speaker: Prof. LIANG Zhijun

Material: [Slides](#)  

09:30 **Higgs physics at 360 GeV 30'**

Speaker: Gang LI (高能所)

Material: [Slides](#)  

10:00 **Progress of TPC prototype and some considerations 30'**

Speaker: Dr. Huirong Qi (Institute of High Energy Physics)

Material: [Slides](#) 

10:30 **Coffee break 30'**

11:00 **The silicon tracker R&D and plans 30'**

Speaker: Prof. Meng Wang (Shandong University)

Material: [Slides](#) 

11:30 **Solenoid R&D and optimization 30'**

Speaker: Ling Zhao (高能所)

Material: [Slides](#) 

14:00 - 17:30

Accelerators

Convener: Prof. Jie 高杰 (高能所)

14:00 **CEPC civil engineering design status 25'**

Material: [Slides](#) 

14:25 **CEPC high luminosity lattice and beam dynamic progress status 25'**

Speaker: Mr. 毅伟 王 (高能所)

Material: [Slides](#) 

14:50 **CEPC Z-pole polarization optics design progress status 25'**

Speaker: XIA Wenhao

Material: [Slides](#) 

15:15 **Coffee break 30'**

15:45 **CEPC single cell high gradient high Q SCRF cryomodule design consideration and cavity R&D progress 25'**

Speakers: Mr. Jiyuan Zhai (IHEP), Dr. 鹏 沙 (高能所)

Material: [Slides](#) 

16:10 **CEPC linac injector beam dynamics with S band and C band structures to 20 GeV 25'**

Speaker: Mr. Cai Meng (高能所)

Material: [Slides](#) 

16:35 **Polarization electron and positron sources for CEPC 25'**

Speaker: Dr. Xiaoping 李小平 (高能所)

Material: [Slides](#) 

17:00 **Discussion 30'**