

Introductory remarks

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中国科学院高能物理研究所

*Institute of High Energy Physics
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Hong Kong Program and Conference

- **Conference, January 20-22**

- <http://iasprogram.ust.hk/hep/2020/>
- Still some spots opened but mostly settled:
 - Contact me and Paolo Giacomelli, if you would like to attend:

- **Detector Mini-workshop** — Software and Physics Requirements for e⁺e⁻ Colliders - Jan 16, 17

- Joint workshop CEPC/FCC-ee + others
- Organizers: Paolo Giacomelli (FCC-ee), Joao Guimaraes da Costa
- Day 1: Physics requirements
- Day 2: Software framework

- Accelerator Mini-workshop — Machine Detector Interface - Jan 16, 17

- Not many people from CEPC Detector group participating

- **CEPC physics workshop, HK satellite meeting, organized by Manqi**

- Weekend before conference: Jan 18-19



Other Future Events

- **3rd FCC Physics and Experiments Workshop, Jan 13-17**
- **FCPPL, 27-30 Apr 2020 in Bordeaux**
- **CEPC Workshop EU Edition, 4-6 May 2020, Marseille**
 - <https://indico.in2p3.fr/event/20053/>
- **2nd USA Workshop in Washington, DC - April 22-23**
 - <https://indico.cern.ch/event/863751/>
- **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
- **Next CEPC Work Day: December 30**
 - Back to focus on tracking detectors
 - CEPC background studies



Top threshold running

- Request from IAC to consider top threshold running at CEPC
- Accelerator project is asking to evaluate the scientific benefits of such run. What energies are preferred?
- Discussion to follow at next Steering Group meeting

15:20 - 15:40 Impact of ttbar energy on cepec collider design, and challenges 20'

Speaker: Mr. 毅伟 王 (高能所)

Material: [Slides](#)

15:40 - 16:00 Higgs at ttbar energy run 20'

Speaker: Kaili Zhang (IHEP)

Material: [Slides](#)

16:00 - 16:20 Physics at the ttbar run 20'

Speaker: Prof. Yaquan FANG Yaquan (高能所)

Material: [Slides](#)

16:20 - 16:40 Physics at the ttbar run 20'

Speaker: Prof. Zhijun Liang (IHEP)



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