

Introductory remarks

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CEPC-related Events

- **CEPC Day, Monday June 15**

- Session in the morning in Beijing (will rotate again)
- Plan to focus on vertex and tracker issues
 - TPC
 - CMOS and SOI Sensor development
 - Vertex Prototype
 - CMOS Sensor
 - Mechanics
 - CEPC Software

- **Crystal ECAL Workshop, July 22-24 (online only)**

- July 22 (Wednesday)
 - 8-11pm: latest development on crystals and their readout
- July 23 (Thursday)
 - 8-11am, calorimetry with a crystal ECAL
 - 8-11pm: General discussion: other detectors to go with such a calorimeter
- July 25 (Friday)
 - 8-11am: reserved (if needed)

- **CEPC international workshop on Oct. 26-28, 2020**



US Snowmass, 2021

<https://indico.fnal.gov/category/1098/>

- **What is the Snowmass process?**

- Preparation for the US Snowmass 2021 has started. This is the process that defines the US physics plans for the next ~5 years. The outcome of it feeds into the P5 committee, that compiles the scientific guidelines for US HEP program.

- **Letters of Intent**

- CEPC will submit four Letters of Interest (LOI) to US Snowmass (2021) that cover four main CEPC-SppC areas (each of the LOIs is 2 pages in length)
 - CEPC e+e- Detector R&D and experiment (Joao, Jianchun Wang, Manqi Ruan)
 - CEPC Physics and simulation (Liantao Wang (+Hong Qing))
 - CEPC e+e- Accelerator (Jie GAO (+Yulong Chi))
 - SppC accelerator superconducting magnet R&D (Qingjin Xu)
 - Submission goal date: June 3!! (Deadline August 31)



Snowmass - Git Area

Letters of Intent

Snowmass > Lol > Details



Lol

Group ID: 445 | [Leave group](#)



New project

Letters of Intent related to CEPC for Snowmass

Subgroups and projects Shared projects Archived projects

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TPC-Lol

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Detector-Lol
Overall detector Lol for the CEPC detector work

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<http://cepcgit.ihep.ac.cn/snowmass/loi>



Letters of Intent

- Open Physics Questions — Organized by Manqi
- TPC - Huirong Qi (IHEP), Zhi Deng (Tsinghua)
- Crystal Calorimeter - Yong Liu
- Solenoid Magnet - Feipeng
- PFA Calorimeters — Jianbei
 - Electromagnetic?
 - Hadronic?
- Drift Chamber (IDEA)
- Dual Readout Calorimeter (IDEA)
- MuRwell (IDEA)
- Vertex Tracker (IDEA or Generic) —
- Tracker Silicon (UK, IDEA, Generic?) — Harald, Yanyan, Wang Meng?
- MDI — Hongbo
- Muon detector scintillator — Xiaolong