

# 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<sup>+</sup>e<sup>-</sup> Detector R&D and experiment (Joao, Jianchun Wang, Manqi Ruan)
  - CEPC Physics and simulation (Liantao Wang (+Hong Qing))
  - CEPC e<sup>+</sup>e<sup>-</sup> 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

Last created 

-   **TPC-Lol**   0 just now
-   **Detector-Lol**  Overall detector Lol for the CEPC detector work  0 7 minutes ago

<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