

Conference - Parallel Session: Accelerator Physics

(HKT | GMT+8) Feb 14 - 15, 2023 at 14:00 - 18:00

Zoom Link: <https://hkust.zoom.us/j/94120385871?pwd=ckFDR3ZSeHBDUDVnOHgxdXZFNDJQQT09>

Zoom ID: 941 2038 5871

Passcode: 2023ACC



| | | Feb 14, 2023 (Tue) [Day 1] | | W3-AP01 | Feb 15, 2023 (Wed) [Day 2] | |
|----------|---------------|--|-------------------------|---------|--|-----------------------------|
| | | Chair: Marica BIAGINI (INFN) [Zoom] | | | Chair: Yuhui LI (IHEP) | |
| | | Title | Speaker | | Title | Speaker |
| Tu3-AP01 | 14:00 - 14:20 | Super KEK B status [Zoom] | Makoto TOBIYAMA (KEK) | W3-AP01 | Superconducting Technology for Accelerators Frontier > — High-Field Magnet, SRF, and Cryogenics/Cryogen [Zoom] | Akira YAMAMOTO (KEK) |
| | 14:20 - 14:40 | CEPC Collider Lattice Design | Yiwei WANG (IHEP) | | CEPC SRF System and Cavities Studies | Jiyuan ZHAI (IHEP) |
| | 14:40 - 15:00 | CEPC Booster and Damping Ring | Dou WANG (IHEP) | | Klystrons and RF Power Sources | Zusheng ZHOU (IHEP) |
| | 15:00 - 15:20 | CEPC Linac Injector Design Status [Zoom] | Cai MENG (IHEP) | | SC Quadrupoles Design and R&D Status for CEPC [Zoom] | Yingshun ZHU (IHEP) |
| | 15:20 - 15:40 | CEPC MDI Issues in Accelerator | Sha BAI (IHEP) | | SppC High Field Magnets R&D and International Collaboration | Qingjin XU (IHEP) |
| | 15:40 - 16:00 | Break | | | Break | |
| Tu3-AP02 | | Chair: Jie GAO (IHEP) | | W3-AP02 | Chair: Angeles FAUS-GOLFE (IJCLab) [Zoom] | |
| | | Title | Speaker | | Title | Speaker |
| | 16:00 - 16:20 | Electron Positron Collider Power Consumptions [Zoom] | Frank ZIMMERMANN (CERN) | | Future e+e-Higgs Factories [Zoom] | Angeles FAUS-GOLFE (IJCLab) |
| | 16:20 - 16:40 | Vacuum System Development in HEPS | Yongsheng MA (IHEP) | | Beam-beam Study Status | Yuan ZHANG (CERN) |
| | 16:40 - 17:00 | Magnets Development in HEPS | Wen KANG (IHEP) | | CEPC Collective Instability Study Status | Na WANG (CERN) |
| | 17:00 - 17:20 | HEPS Power Source Development | Bin CHEN (IHEP) | | CEPC Polarization Study Status [Zoom] | Zhe DUAN (IHEP) |
| | 17:20 - 17:40 | HEPS Injection/Extraction Hardware Development | Jinhui CHEN (IHEP) | | CEPC Plasma Injector Study Status and Test Facility Plan | Dazhang LI (IHEP) |
| | 17:40 - 18:00 | HEPS Injector Linac Developments | Jingru ZHANG (IHEP) | | | |