



## CEPC-SppC Study Group Meeting

Friday, 2 September 2016

Parallel Session II: SppC - Conference Room 5 (14:00 - 16:05)

-Conveners: Xiangqi Wang

| time  | [id] | title                    | presenter                           |
|-------|------|--------------------------|-------------------------------------|
| 14:00 | [57] | Beam Collimation         | Dr ZOU, Ye                          |
| 14:20 | [58] | Lattice for Collimation  | Dr YANG, Jianquan                   |
| 14:35 | [59] | Collective Instabilities | Dr LIU, Yudong                      |
| 14:55 | [60] | Injection and Extraction | Dr LI, Guangrui<br>Dr ZHENG, Xuxing |
| 15:15 | [61] | Injector Chain           | Prof. TANG, Jingyu                  |

Parallel Session II: CEPC - Conference Room 4 (14:00 - 16:05)

-Conveners: Weiren Chou

| time  | [id] | title   | presenter         |
|-------|------|---|-------------------|
| 14:00 | [50] | CEPC main ring lattice design                             | Dr SU, Feng       |
| 14:17 | [51] | CEPC pretzel scheme study                                 | Dr GENG, Huiping  |
| 14:34 | [52] | CEPC main ring magnets' error effect on DA and MDI issues | Dr BAI, Sha       |
| 14:51 | [53] | CEPC main ring collective instability study               | Dr WANG, Na       |
| 15:08 | [54] | CEPC booster design and main ring study                   | Dr BIAN, Tianjian |
| 15:25 | [55] | CEPC SRF system study                                     | Dr ZHAI, Jiyuan   |
| 15:42 | [56] | CEPC Niobium doping study                                 | Dr SHA, Peng      |

Parallel Session II: Physics&Detecor - Conference Room 8 (14:00 - 16:05)

-Conveners: Nu Xu

| time  | [id] | title   | presenter              |
|-------|------|---|------------------------|
| 14:00 | [42] | PID Status  | Dr ZHANG, Zhiyong      |
| 14:15 | [43] | ECAL Status   | Dr ZHANG, Yunlong      |
| 14:30 | [44] | HCAL Status   | Dr LIU, Qian           |
| 14:45 | [45] | High rate high granuarity GRPC SDHCAL                                   | Prof. WANG, Yi         |
| 15:00 | [46] | questions+discussions for CEPC HCAL                                     |                        |
| 15:05 | [47] | Magnet Status   | Dr ZHAO, Ling          |
| 15:20 | [48] | Understanding the performance of a highly granular Si Pad ECAL for CEPC | Prof. PAGANIS, Stathes |
| 15:40 | [49] | Research and Development on Signal Detection and Data Readout LSI       | Prof. LI, Lianming     |

Parallel Session II: Theory - Conference Room 3 (14:00 - 16:05)

-Conveners: Yi Liao

| time  | [id] | title  | presenter           |
|-------|------|--|---------------------|
| 14:00 | [37] | Double parton scatterings at the 100 TeV SppC          | Prof. CAO, Qinghong |
| 14:25 | [39] | Precision Higgs production                             | Prof. YANG, Lilin   |
| 14:50 | [40] | CEPC and degenerate electroweakino                     | Prof. SHU, Jing     |
| 15:15 | [41] | Searching exotic Higgs decay at CEPC                   | Dr ZHANG, Hao       |
| 15:40 | [94] | Interference effects on Higgs mass measurement at CEPC | XU, Guang-Zhi       |