

Weekly Report

CEPC CMOS Pixel Sensor

- Test Beam @ DESY (Xin, Ryuta)
 - taking data with the beam irradiation
 - matching with the other telescopes are fine. (actually, every runs the correlation is checked)
 - the very first report said that the positional resolution of the JadePix1 deduced from the telescope track achieves less than $10\mu\text{m}$, which is expected . (at least, $33\mu\text{m}/\sqrt{12}=9\mu\text{m}$ should be worst case)
- JadePix data analysis (Yuhang)

Photo of the test beam area

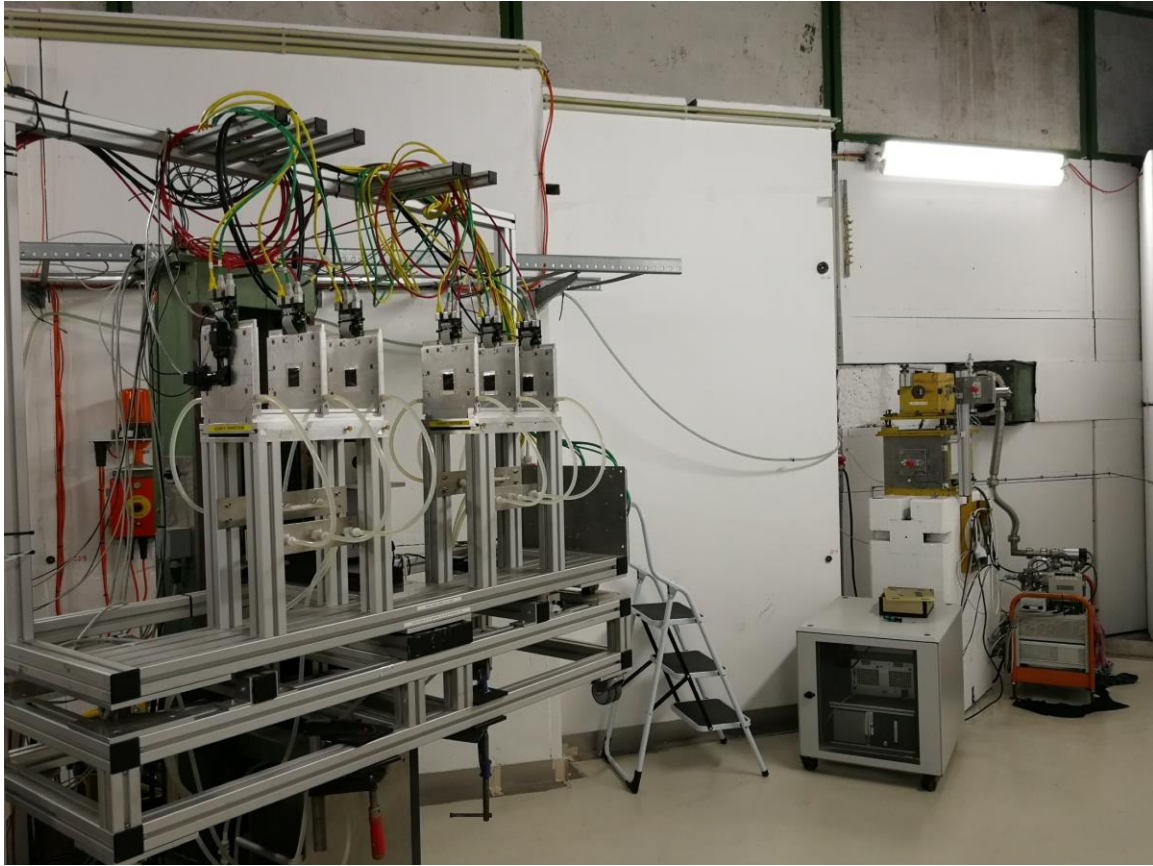


Fig: Before setting JadePix1

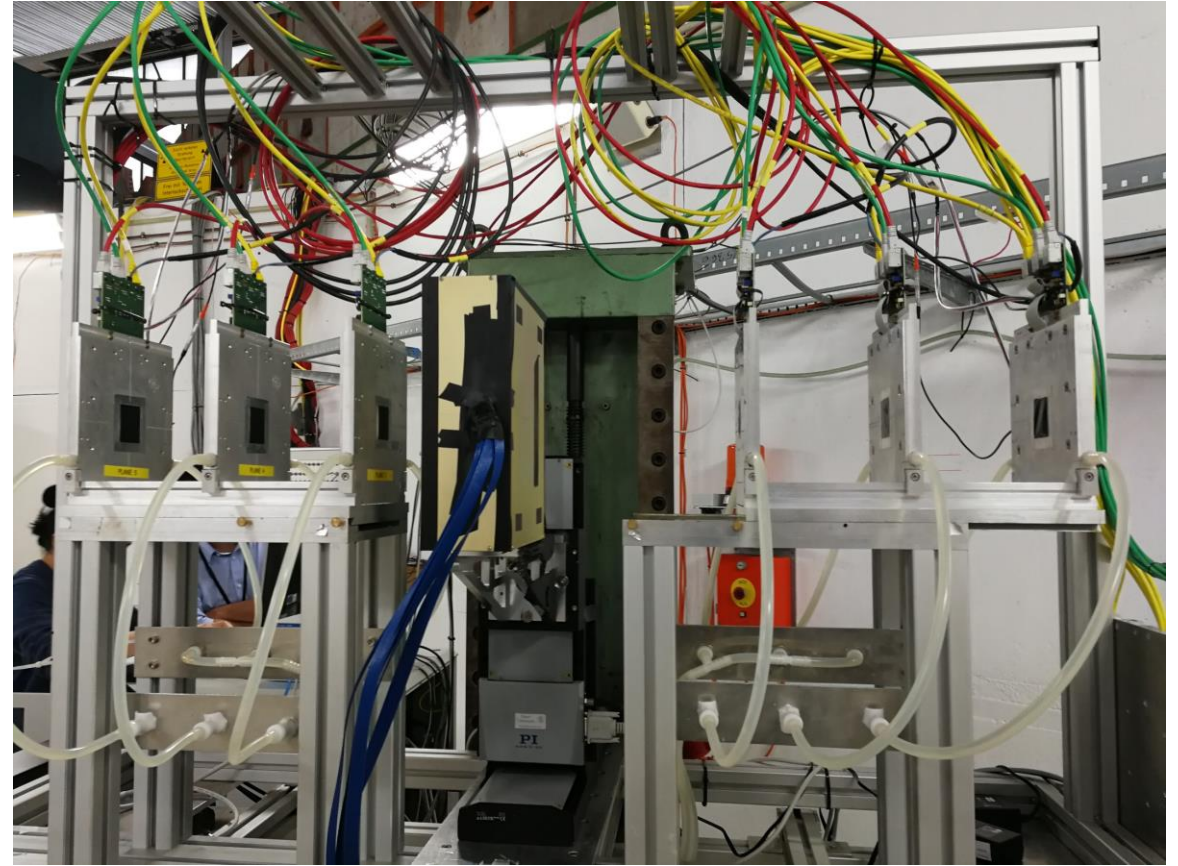


Fig: the JadePix1 with the shielding box is inserted