

4D phase space coupling studies with the symmetric RF coupler

The student will re-analyze measured phase space scans using the virtual pepper pot method to quantify the x-y beam coupling from gun 5.2 with the symmetric rf coupler. The results will be compared to measurements from previous guns (gun 5.1 or earlier) which used an asymmetric rf coupler.

Group

PITZ

Project Category

B3. Research on accelerators

Special Qualifications

DESY Site

Zeuthen

Primary author: RICHARD, Christopher James (Z_PITZ (Betrieb und Forschung))

Presenter: RICHARD, Christopher James (Z_PITZ (Betrieb und Forschung))