

Integral or Bunch Selective or even 2D: Interferometric Beam Profiling @ BESSY II

Wednesday 23 March 2022 12:30 (30 minutes)

Optical beam diagnostics at BESSY II is being upgraded towards bunch selective measurements at three new beamlines for visible light and THz using two bending magnets. Developments are focused on several directions

- + time resolution

- + spatial resolution

- + correlated 2D capabilities (for “time” vs. “x” or alternatively “y” as well as for “x” vs. “y”)

- + data acquisition time / illumination rate

The current status will be discussed including lessons that we have learned

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