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Burst-Mode CoRDIA –An Option for a Second-Generation Detector for the European XFEL

Monday 3 November 2025 19:45 (3 minutes)

Burst-Mode CoRDIA is a modification to the CoRDIA detector. While CoRDIA is intended for installation at PETRA IV, Burst-Mode CoRDIA aims to fulfil the requirements for a 2nd generation camera at the European XFEL.

The poster shows the modifications necessary, and compares the expected performance to existing detectors, requirements and an even more advanced (and expensive) option.

Speed talk:

Normal speed talk selection

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