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Type: **Contributed talk**

Overview Detector developments

Friday 30 August 2024 09:15 (30 minutes)

While we observe continuous progression of x-ray facilities, detectors remain often a limiting factor in exploiting the potential of these improved sources.

This talk will provide an overview of detector developments with focus on new technologies and experimental needs. Further it will link the evolution of detector concepts to their success and impact in achieving science goals. The increased necessity to integrate approaches for data flow optimization will be discussed. At the end a perspective on the opportunities to develop a common vision and strategy between facilities as well as community building will be presented.

I plan to submit also conference proceedings

Presenter: CARINI, Gabriella (Brookhaven National Laboratory)