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Beam angle interlock

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Anatomix and Nanosopium beamlines are collecting photons generated by two insertion devices installed on the same (canted) straight section. Simultaneous operation of those two beamlines requires particular precautions in terms of alignment of the undulators. To avoid any damage on the downstream undulator due to mis-steering of the beam in the upstream one, the machine safety system has been modified. An interlock on the beam angle has been implemented. A description of the system and its performances will be presented.

Primary author: EL AJJOURI, Moussa

Presenter: EL AJJOURI, Moussa