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Beamline Data Pipeline Design Experiences Under APS Upgrade

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The Advanced Photon Source just underwent a major upgrade of its facilities. Part of which involved the complete reconstruction of multiple beamlines. Using the XPCS beamline as a case study, this talk will go over design decisions, cross-disciplinary group effort, controls development, and analysis tooling that went into the overall end-to-end experience being offered at that beamline.

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