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Oral
(Invited Talk)
The PUNCH Science Operations Center’s (SOC) primary responsibility is to build and maintain the processing pipeline that generates PUNCH science data products. In this talk we review the SOC itself, focusing especially on the data pipeline and planned data products. We discuss how potential science users can engage with prototype data to help the SOC refine its designs and familiarize themselves with PUNCH’s rich and complex data environment. We provide an update on the software and product development status and plans for the upcoming years. We present a few exciting tools, originally developed through the SOC, that are — or soon will be — available for users’ general-purpose data processing needs. We highlight some opportunities for synergy with other missions, observatories, and projects that have grown out of our SOC development efforts.
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