

## EPICS Collaboration Meeting



Contribution ID: 75

Type: **Regular Talk (15min)**

# ADStream

*Tuesday, September 20, 2016 4:00 PM (15 minutes)*

ADStream makes it easy to configure an areaDetector camera IOC for one or more image streams, each of which has its own dedicated stdArray, ROI, CC, Overlay, and Process plugin, along w/ some extra PV's to characterize the stream type, input source, height, width, and desired update rate.

You can also do image averaging, and view and adjust 4 crosses and 4 ROI overlay boxes. The overlays have calc records to handle binning differences between streams. A python script is used to reconfigure each stream's plugin chain as needed to produce the desired result.

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**Session Classification:** EPICS Collaboration Meeting

**Track Classification:** Hardware, Driver/Device support