

Image Sensors for Precision Astronomy (ISPA 2024)



Tuesday, 12 March 2024 - Thursday, 14 March 2024

SLAC

Scientific Programme

Baseline tracks for the ISPA Workshop are given below. Groupings are subject to change as contributions from participants are collected.

Major ISPA Workshop Tracks

New Detector Technologies

including, but not limited to:

IR detectors

CMOS, Skipper, MKIDs, SNSPDs

Software/Algorithms for Precision Astronomy

including, but not limited to:

Faint object characterization; image stacking

Point spread function retrieval or characterization

Astrometric retrieval

Detector Modeling

including, but not limited to:

Conversion drift & pixelization

Pixel signal estimation & video chain fidelity

Sensor and Systematics Characterization

including, but not limited to: CMOS, IR, CCDs, Skipper, MKIDs, & SNSPDs.

Other Precision Astronomy Tools or Sensors

Present your findings and brainstorm your colleagues!