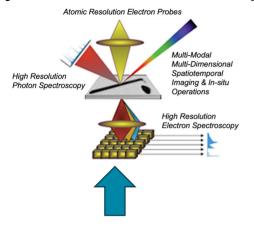
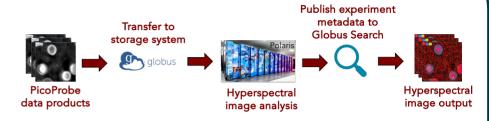
1. Dynamic PicoProbe data output





2. Preprocess data using traditional physics





4. Experiment steering / suggestion



Target observations 💙

Noise / Background



3. Machine learning and artificial intelligence



- · Pattern recognition
- Sample distribution
- Segmentation
- Error correction

Neural Network (YOLOv8)

Hyperspectral time series data