



ixpeobssim is a simulation framework developed for the Imaging X-ray Polarimetry Explorer (IXPE) mission. It is meant to produce fast and yet realistic observation-simulations, given as basic inputs:

- ▷ an arbitrary source model including morphological, temporal, spectral and polarimetric information;
- ▷ the response functions of the detector

The framework produces output files that can be directly fed into the standard visualization and analysis tools used by the X-ray community.