

# P4.14: XMM-Newton Science Archive (XSA)



## Archive Overview:

- First release on April 2002.
- Full redesign on July 2013 to produce a pure Web based interface using state of the art technologies: GWT (Google Web Toolkit), pgSphere, PostgreSQL...
- Updates on the Virtual Observatory services. Among them, a new IVOA TAP service (Tabular Access Protocol)
- New HiPS (Hierarchical Progressive Survey) has been generated for EPIC and OM cameras to expose XMM-Newton data in an exploration interface. Currently, they are available through ESASky (<http://sky.esa.int>)
- Very mature project but still there is room for improvement. Please, let us know your ideas or comments!



## XSA in numbers.

- Observation Data Files (ODF) and Pipeline Products of 12600 pointed observations
- Slew Data Files of 3700 Slew Survey Observations and 177000 Slew survey sub-pointings.
- 678680 EPIC Sources (3XMM-DR6 catalogue.)
- 6246432 OM Sources (OM-SUSS2.1 catalogue).
- 41423 Slew Survey sources (XMMSL1 DR6).
- Ancillary info (proposals, publications, etc.).

