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# DS4 @ ESO Stage 4 Plans

**Markus Dolensky**



- **DS4 Study Report (all partners)**
- **SED Construction (contd.)**
  - Standardization
  - SED Builder Tool
- **WCS2FOV Library (new)**
- **Sample SIA/SSA Service to 3D Data (contd.)**



- **Study Report (all partners)**
  - **Timeline:**
  - **Oct 06: table of contents & contributors**
  - **Jan 07: draft input**
  - **Feb 07: consolidated report; draft goes to TAP**
  - **Mar 07: discussion at DSRP meeting, March 2007**
  - **Mar 07: final review/approval by TAP**



- **Standardization (of input)**
  - transmission curve
  - zero point
  - atmosphere
  - photom. system
  - (utype'd) source catalog
- **SED Builder (is a workflow)**
  - X-matcher
  - unit conversion library
  - catalog manipulation
  - extraction tool; instr. configurations
  - analysis tool

**SED construction is a cross-DS and cross-Partner effort**



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WCS2FOV Library

- **wcs2fov library**
  - generates SIA extension based on (FITS) WCS
  - visualization through Aladin by (CDS)
- **finalize IVOA FOV note (with CDS et al.)**



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**EURO** The logo for the EURO project, consisting of the word 'EURO' in a bold, blue, sans-serif font, followed by a graphic element of a blue square with a white grid pattern.

**3D Data Access**

- **SIA/SSA access to 3D cube cutout server**
  - service returns SINFONI cutout images and spectra