

# Paranal Science Operations (PSO)



The VISTA Mirror Installed

ESO Press Photo 10h/08 (16 April 2008)

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# PSO before start of operations

- Acquire profound knowledge of instruments
- Participate at the commissioning
- Homogenize VISTA operations with respect to other instruments (“Paranalization”)
- Prepare input package for phase 2
- Training of more staff
- Update Science Operation SW-tools

# PSO input package for phase 2

- Final edition of user manuals
- WEB pages in Science Operations Style
- Phase 2 instructions and rules
- Input for execution time calculation
- Input for phase 2 verification scripts
- Final edition of template signatures
- Feedback for quality control, pipeline ops.

# PSO staff involved

- V. Ivanov, T. Szeifert, S. Mieske
- More Astronomers for 2pm to 2am operations support
- Telescope Instrument Operators “TIOs”: A. Parraguez, C. La Fuente from La Silla starting on Sept. 23
- Data Handling Operators “DHAs”
- Action Remedy administrator C. Ceron

**Day to day science operations support**

# Instrument Operation Team (IOT)

- Coordination of VISTA activities between the departments and groups from Paranal and Garching
- Meetings about on monthly base
- Coordinate delivery of the phase 2 packages

**Beyond the day to day science operations support**

# Early Science Operations

- 1. “Front End” **Phase 2 Package** for PIs and Science Verification Team **frozen**
- 2. **Science Verification** with “Back End” pipeline and QC procedures implemented
- 3. **Paranalization** of VISTA Science Operations in parallel to **Dry Runs** with Public Survey Observation Blocks
- 4. **Start** of Science Operations

# Priorities like for VLT

- Before step 1. practically only technical observations (no science OBs in the queue)
- At step 2. & 3., “Science Verification”, “Paranalization” & “Dry Runs”, priority is given to technical jobs, staff training and test observations if needed
- After step 4. technical activities only in technical nights

# VISTA - PSO contact:

- **Email:**     **vista@eso.org**

- **WEB pages:**

<http://www.eso.org/sci/facilities/paranal/instruments/vista/>