UC 43rd Meeting
Recommendations

Public

M. Rejkuba, UC meeting, 29 April 2020

ESO/UC-104
UC43 Recommendations

- **UC43.R01**: clarify proprietary period & how to extend
  - The policy and how to request extension of proprietary period explicitly in the CfP
  - ESO Data Access Policy [web page](#)

- **UC43.R02**: inform UC about Distributed Peer Review
  - ALMA implemented DPR for Cycle 7 supplementary call
  - ESO to adopt after completion of p1 system, likely for fast-track

- **UC43.R03**: To promote VLTI
  - VLTI summer schools with ESO staff participation
  - VLTI special session@EWASS 2019
  - VLTI Expertise Centres started operation
UC43 Recommendations

- **UC43.R04: ALMA calibrated measurement sets**
  - Users informed about the new service

- **UC43.R05: enhance archive data access for raw/P3**
  - Provide reference/acknowledgements for P3 data
    - ALL P3 data release description have Acknowledgements section
  - Enhance raw data query interface
    - Prototype advanced and ready for imminent release
  - Ensure clear and adequate data release description
    - Data release description provided by users is reviewed before publication; specific feedback welcome
  - P3 products available via Request Handler
    - Software to be replaced in 2020Q4
  - 20 April: ASPv2 roll-out

http://archive.eso.org/scienceportal/home
UC43 Recommendations

- **UC43.R06: colour transformations for NIR instruments**
  - VIRCAM, HAWK-I, ISAAC and SOFI: Data Reduction FAQ
    - [http://www.eso.org/sci/data-processing/faq.html](http://www.eso.org/sci/data-processing/faq.html)
  - Messenger article in preparation

- **UC43.R07: compatibility checks/visibility of ESO software**
  - Binary packages release announced for OS versions in Science Newsletter and released yearly in May/June – next release 3 June
  - Web-based feedback forum

- **UC43.R08: python environment (for pipelines) for Linux**
  - strategy: web-based applications (front-end)
  - limitations of conda-like environment (sizes, CPL compatibility, missing packages, …)
  - exploration of alternatives ongoing
R.09: real-time access to VM data

- VM data can always be transferred on Paranal via cable
- dVM raw data transfer prioritized (like ToO)
- dVM data access from the archive median delay <10 min

Example data transfer statistics for 26/27 Feb 2020
- 6961 files transferred
- Time to receive 50% of files: 4.7 min
- Time to receive 75% of files: 5.7 min
- Time to receive 90% of files: 7.8 min
- Maximum transfer time: 18 min