ESO Library and Information Centre

1. The Library — Your gateway to information

Uta Grothkopf, Silvia Meakins, Dominic Bordelon

ESO Library

library@eso.org
1. The Librarians & The Library

2. Access to Books, Journals, Information

3. Developments in Publishing

4. Telescope Bibliography (telbib)
THE LIBRARIANS & THE LIBRARY
THE LIBRARY TEAM

Dominic Bordelon
-6474

Silvia Meakins
-6775

Uta Grothkopf
-6280

Maria Eugenia Gómez
mgomez@eso.org
-3153

Visit us in Building E
24/7 (librarians: 8:00-18:00)

library@eso.org

ESO Onboarding Presentation
THE LIBRARY

...as a meeting place for formal & informal meetings
ACCESS TO BOOKS, JOURNALS, INFORMATION
THE LIBRARY WEBPAGE

http://www.eso.org/libraries
Library and Information Centre

Upcoming events in the Library Garching

Tuesday, 10 Sep 2019
12:00
Lunch Talk
UVIT study of hot stars in old star clusters of our galaxy
Ram Sagar (Indian Institute of Astrophysics, Bangalore)

More info

News

1 July 2019: Study analysed publishing trends
A recent study analysed >120 million papers to examine how the academic publishing world has evolved over the last century. Although a special focus was on biology, some of the overall trends are also valid for astronomy...

Publications based on ESO Data

Search: ESO Telescope Bibliography
Cite: ESO data citation policy
Analyze: Basic ESO publication statistics
Understand: telbib Methodology
Explore: More info, reports, statistics

eContent

Electronic journals / Open Access publishing
Electronic books
ESO Historical Documents
ESO Conference proceedings 2.0
ADS abstract service I arXiv.org
ORCID - an overview (01/2016)
Claiming ORCID papers through ADS - a step-by-step guide
Information resources and reference tools

ESO Information Repository

Starting in 2019, the Library will implement and administer an ESO-wide Information Repository, to enable controlled processes and practices for the creation, review, modification, issuance, distribution and accessibility of documents.

It will be accessible to ESO staff and authorized external users. We will keep you informed about its developments in the coming months.

Need help?

Library Garching
library@eso.org
Uta Grottkop, phone: +49 89 320 06-280
Silvia Meakins, phone: +49 89 320 06-775
Dominic Bondel, phone: +49 89 320 06-474

Library Santiago
María Eugenia Gómez, phone: +56-2-463 3153

Information Repository
Katia Montroni, phone: +49 89 320 06-682
Library holdings

Upcoming events in

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How to use the ESO Libraries

ESO Libraries - your gateway to information (pdf)
The ESO Library catalog (pdf)
About the ESO Libraries
Introduction to ESO Libraries (slides)
Frequently Asked Questions (FAQ)

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Contact details
The ESO Library team is happy to help you with all information requests you may have.

Information on how to use the library can be found at https://www.eso.org/sci/libraries/about.html. The ESO Libraries homepage is located at https://www.eso.org/sci/libraries/

The catalog contains records of all library items, including electronic books and journals. For online resources, direct access is provided from within the catalog. Most e-journals can also be reached from our e-journals page. If you would like to consult specific books or articles which are currently not included in our holdings, please send us a note.

Borrowing library material is easy; just use the Self Checkout button next to the search field. Use your email address (without @eso.org) as user ID and password and enter the ID (barcode number on the back of the cover page of books, e.g., ML. 1994 123456) of the item you want to borrow. We are not applying strict loan periods; you can lend items until another user needs them, provided you keep them in your office. Please do not take library items home or on trips.

The main features of the new catalog are summarized in a flyer.

In order to locate books in the libraries (currently only Library Garching), please refer to the floor plans below.

Library Garching Upper Floor

Features include
- links to e-resources
- floor plans and virtual shelves
- self-checkout
Books & Journals

- Mostly e-only
- Licenses for astronomy and other journals
- Full-text access from anywhere (ESO IP based; VPN possible)
- Please respect copyright: use for your research, do not share outside ESO
DEVELOPMENTS IN PUBLISHING
DEVELOPMENTS IN PUBLISHING

Manuscript preparation

Author ID

Publishing models

Article ID

Overleaf

ORCID

Journal article

Traditional journal (subscription-based)

Open Access Journal

Other research output (e.g., ESO conf. proc.)

doi

zenodo

ESO Onboarding Presentation
TELESCOPE BIBLIOGRAPHY (telbib)
ESO’s mission:
Provide state-of-the-art research facilities to conduct front-line science

How are we doing?
What is telbib?

- database of refereed papers that use ESO data
- built and curated by ESO Library
- telbib.eso.org

Purpose

- interconnect resources
  - proposals - data – papers
- measure & evaluate ESO’s scientific output
  - statistics, reports, visualizations
Features include:

- links to data in ESO Archive
- interactive viewgraphs
- export of results to .csv and .txt
**Direct access to data**

**Instruments and Observing Programmes used:**
- **VIRCAM**  (VISTA / Paranal)
  - 179.A-2005 (access to raw data and data products), UltraVISTA survey
- **XSHOOTER**  (VLT / Paranal)
  - 097.A-0043 (access to raw data)
### ESO Observation Schedule Query Results

#### 097.A-0043(A), Service Mode, UT2-Kueyen

<table>
<thead>
<tr>
<th>Period</th>
<th>99</th>
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<tr>
<td><strong>Observing Mode</strong></td>
<td>Service</td>
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<tr>
<td><strong>Run Type</strong></td>
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<tr>
<td><strong>Allocated time</strong></td>
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<tr>
<td><strong>Telescope</strong></td>
<td>UT2-Kueyen</td>
</tr>
<tr>
<td><strong>Instrument</strong></td>
<td>XSHOOTER</td>
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<tr>
<td><strong>PI/CoI</strong></td>
<td>ELLIS/ STARK/ NAKAJIMA/ CHARLOT/ FELTRE</td>
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<tr>
<td><strong>Proposal Title</strong></td>
<td>The Nature of Luminous Galaxies in the Heart of the Reionization Era</td>
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<td><strong>Remarks</strong></td>
<td>Carry: carry-over</td>
</tr>
<tr>
<td><strong>Abstract</strong></td>
<td>Abstract of proposal</td>
</tr>
</tbody>
</table>

#### Instruments and Observing Programmes used:
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  - 097.A-0043 (access to raw data)

#### Other tags
- Archive + PI

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**Direct access to telbib**

TELBIB OUTPUT

Publication Digest

Telbib Publication Statistics Overview

ESO publication statistics are derived from the Telescope Bibliography (telbib), a database of refereed publications linked to the corresponding papers in telbib.

Publication statistics given in the table below are linked to the corresponding papers in telbib.

<table>
<thead>
<tr>
<th>Year</th>
<th>VLT/VLTI</th>
<th>La Silla</th>
<th>%</th>
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<td>2015</td>
<td>1151</td>
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<tr>
<td>2016</td>
<td>1200</td>
<td>172</td>
<td>26</td>
</tr>
</tbody>
</table>

Publications of major observatories by year

- ESO total
- HST
- NRAO
- VLT/VLTI
- Spitzer
- XMM Chandra
- ALMA (all)
- Keck
- La Silla
- Gemini
- ALMA (ESO)
- ESO survey tel.
- Subaru
- APEX (AO)
- APEX (ESO)
Publications based on ESO Data

Publications making use of ESO observational data must include the following statement in a footnote or in the acknowledgement:

Based on observations collected at the European Southern Observatory under ESO programme(s) TPC-NNNN(R).

Please substitute the place-holder TPC-NNNN(R) with the programme ID(s) of the data used, e.g., 094.A-1234(A). You will find the identifier in the FITS header of the observations.

T: leading character indicating the programme type (D=Normal, 1=Large, ...)
P: period (2 digits for P<100, 3 digits for P>=100)
C: category (A, B, C, D, L, ...)
NNNN: four digit integer (unique within each semester)
R: run (A, B, ...)

http://www.eso.org/sci/observing/policies/publications.html
Please mention **ESO + program IDs** in your papers.

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Please substitute the place-holder TPC-NNNN(R) with the programme C(s) of the data used, e.g., 094.A-1234(A). You will find the identifier in the FITS header of the observations.

E: leading character indicating the programme type (0=Normal, 1=Large...)
P: period (2 digits for P<100, 3 digits for P>=100)
C: category (A, B, C, D, L, ...)
NNNN: four digit integer (unique within each semester)
R: run (A, B, ...)

**http://www.eso.org/sci/observing/policies/publications.html**
QUESTIONS / SUGGESTIONS?

- library@eso.org
- -6280 / -6775 / -6474
- http://www.eso.org/libraries
2. ESO’s PDM - PRODUCT AND DOCUMENT MANAGEMENT SYSTEM

Katia Montironi & Dominic Bordelon
Agenda

- What is the PDM?
- Other engineering documentation tools
- The PDM Team
- Document Control?
- PDM Architecture
- How to access the PDM
- Getting started with the PDM
- Contacts
What is the ESO PDM system

- ESO’s central electronic system
- Reliable, up-to-date, checked and formally approved documentation
- **Controlled** documents (organizational documents, projects, products)
- Also called: PDM, Kronodoc, BlueCielo Project Portal, ESO-wide Information Repository
Other engineering documentation tools

- PDM
  - Katia Montironi

- CAD VAULT
  - Rob Ridings

- DOORS
  - Dominik Schneller
Core Team

Katia Montironi
Information Repository Manager

Dominic Bordelon
System Administrator & Classification Specialist

- Chair the Stakeholders Committee & Report to DT
- Procedures & Guidelines
- System Configuration
- Manuals & Handbooks
- Trainings & Helpdesk
- Tools & best practices for DC
Document Controllers

- ELT Documents
- ELT Back-Up
- PIP Documents
- DOE Documents
- DMO Documents
- DOP Documents
- TecDev Documents
- DMO Documents
- ODG / DOA / DSC
- LPO Documents
- LPO Documents
- LPO Documents
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- Project specific support
- Quality Check
- Release
- Access Control
- Distribution
- Filing
PDM Architecture

PIP Work Breakdown Structure (WBS)
- 4MOST Project
- AOF Project
- CRIRES+
- ERIS ESO Deliverables
- ERIS Project
- ESPRESSO
- FIAT Project
- FORS-Up
- GRAVITY
- HARPS
- La Silla Instruments
- LPO Civil Projects
- MATISSE
- MAVIS
- MOONS Construction Project
- MUSE
- VISIR Upgrade
- VLTI Facility Project
- X-Shooter Upgrade
- Detectors
- Input Requirements Documents for PIP Projects

LPO Product Breakdown Structure (PBS)
- UT1
- UT2
- UT3
- UT4
- VISTA
- VST
- Incoherent Combined Coude Focus
- Coherent Array (VLTI)
- Hosted Systems
- Infrastructure
- Operations
How to access the PDM

- Log in with ADS credentials: [https://pdm.eso.org](https://pdm.eso.org)
Click on the doc title to access metadata card
PDM View (2)

Functionalities

Metadata card
Getting started with the PDM

- **General User Information**

- Trainings announced in the internal newsletter

- Cross-check with Project Document Controller **before** creating your **first** document

- Matrixed staff: group allocation through supervisor
Contacts

6682 (Katia)
6474 (Dominic)

PDM-Support@eso.org

https://pdm.eso.org