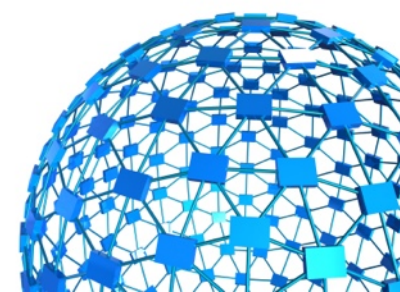
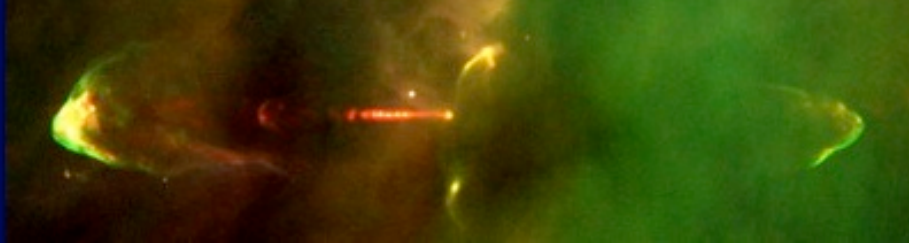


ESO telbib: an interconnected database

Uta Grothkopf & Silvia Meakins
ESO Library
library@eso.org





ESO Telescope Bibliography (telbib)

► What?

- Database of **refereed papers** that **use ESO data**
- Developed and curated by the **ESO Library**

► Why?

- **link** resources (papers -> data / proposals -> papers)
- measure ESO's **scientific output** (productivity + impact)
- **evaluate performance** of telescopes + instruments
- put **ESO in context** w/ other observatories
- define guidelines for **future facilities**

► Who is interested?

- Project scientists, ESO management & Council, Astronomy community

► “Interconnected”?

- **multi-faceted, interlinked resource** with diverse content
- **enhanced user experience** and **ease of access** to further resources



The telbib network - Overview



The telbib network - Overview



The telbib network - Overview



The telbib network - Overview



The telbib network - Overview



Linking in

Populating the telbib database



telbib backend

bib info

Edit Paper

PaperID: 48422 BibCode: [View ADS](#) | [View telbib](#)

Author(s): ([Add/Edit/List/Delete](#))

Bibliographic info:
CitationCount:

Title:

First Author:

ESO Key :

Private Comment:

☐ Staff
☐ Staff+Instr
☒ Refereed
☐ Made Public
☐ Shadow

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Best source: --
Location: --
Facilities: ☐

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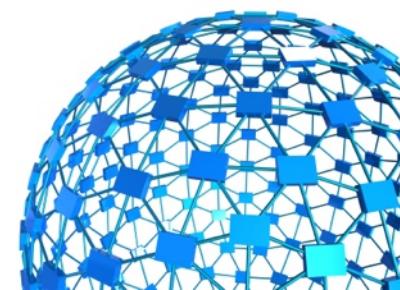
List of Programs

ID	Mode	Part	Type	Instrument	Archive	Del
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Additional tags: [Add/Edit](#)

OR [Close Window](#)

telescopes, instruments, program info



ADS → telbib

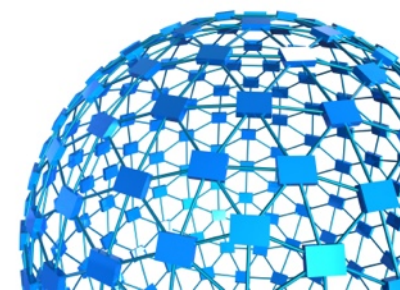
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<author>Marrone, D. P.</author>
<author>Vieira, J. D.</author>
<author>Aguirre, J. E.</author>
<author>Aird, K. A.</author>
<author>Aravena, M.</author>
<author>Ashby, M. L. N.</author>
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- ▶ bibcode
- ▶ authors, affiliations, country (ESO site)
- ▶ title
- ▶ journal, vol., pages
- ▶ abstract, keywords
- ▶ citations, 'reads'



telbib backend

bibcode
bib info
citations
[reads]
title

Edit Paper

The current record has been updated.

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Bibliographic info: ApJ, vol. 767, pp. 88- (4/2013)
CitationCount: 8 | Reads:

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ALMA Redshifts of Millimeter-selected Galaxies from the SPT Survey:
The Redshift Distribution of Dusty Star-forming Galaxies

Author(s): ([Add/Edit/List/Delete](#))

1.) Weiß, A.; 2.) **De Breuck, C.**; 3.)
Marrone, D. P.; 4.) Vieira, J. D.; 5.)
Aguirre, J. E.; 6.) Aird, K. A.; 7.)
Aravena, M.; 8.) Ashby, M. L. N.; 9.)
Bayliss, M.; 10.) Benson, B. A.; 11.)
Béthermin, M.; 12.) **Biggs, A. D.**;
13.) Bleem, L. E.; 14.) Bock, J. J.; 15.)
Bothwell, M.; 16.) Bradford, C. M.; 17.)

authors
incl. affiliations

Private Comment:

e.g. Affil corrected manually
UVES POP (266.D-5655) r

[+] **Abstract, Keywords**

List of **Programs**

ID	Mode

Additional **tags**: [Add](#)
Staff+Instr **x**

PaperID: 47709

RBE*	Rank	Accented Name	Translated Name	Affiliation	Country	ESO Site
1	1	Weiß, A.	Weiss, A.	Max-Planck-Institut	Germany	Choose
2	2	De Breuck, C.	De Breuck, C.	European Southern	ESO	Garching
3	3	Marrone, D. P.	Marrone, D. P.	Steward Observato	USA	Choose
4	4	Vieira, J. D.	Vieira, J. D.	California Institute	USA	Choose
5	5	Aguirre, J. E.	Aguirre, J. E.	University of Penns	USA	Choose
6	6	Aird, K. A.	Aird, K. A.	University of Chicag	USA	Choose
7	7	Aravena, M.	Aravena, M.	European Southern	ESO	Garching
8	8	Ashby, M. L. N.	Ashby, M. L. N.	Harvard-Smithsonia	USA	Choose
9	9	Bayliss, M.	Bayliss, M.	Harvard-Smithsonia	USA	Choose
10	10	Benson, B. A.	Benson, B. A.	Kavli Institute for C	USA	Choose
11	11	Béthermin, M.	Bethermin, M.	Laboratoire AIM-Pa	France	Choose
12	12	Biggs, A. D.	Biggs, A. D.	European Southern	ESO	Garching

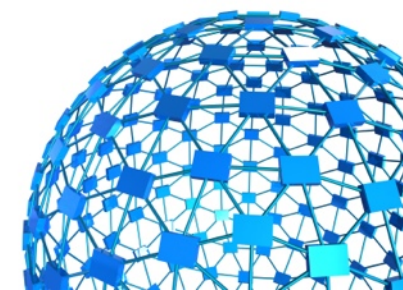
ESO authors

DE B

☐ Staff
☒ Staff+Instr

☒ Refereed
☐ Made Public

☐ Shadow



ESO Archive / Obs Schedule → telbib

Populating telbib with program and instrument info

1 Observing schedule

- ▶ direct access to program db via AJAX request
- ▶ for La Silla/Paranal observations
- ▶ ALMA to follow asap

List of Programs

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088.A-0902(B)	ISAAC	sm	Normal	16 Chapman/ Vieira/ Marrone/ Del Alagband-Zadeh/ Strom/ Grev
088.A-0902(C)	FORS2	sm	Normal	4 Chapman/ Vieira/ Marrone/ Del Alagband-Zadeh/ Strom/ Grev
088.A-0902(C)	FORS2	sm	Normal	0 Chapman/ Vieira/ Marrone/ Del Alagband-Zadeh/ Strom/ Grev
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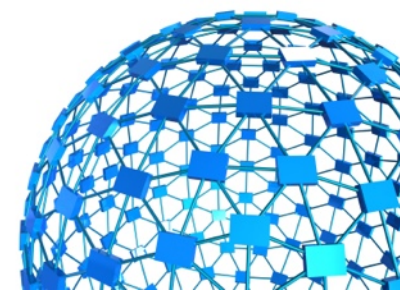
2 Archive search

PI/Cols, instruments, obs dates, objects, etc.

The screenshot shows the ESO Archive Query Form. It includes a header with the ESO logo and navigation links. Below the header, there are instructions for querying the archive. The main form area is divided into sections: 'Target, Program and Scheduling Information' and 'Observing Information'. The 'Target, Program and Scheduling Information' section contains fields for Target Name, RA, DEC, J2000, Night, Start, End, Program ID, Program Type, PI Col, SV, and Title. The 'Observing Information' section contains checkboxes for various instruments and observing modes, categorized into Imaging, Spectroscopy, Interferometry, and Other. There is also a 'Data Product Info' section with fields for Type, Mode, Dataset ID, Orig Name, Release Date, OR Name, OB ID, and Exptime.

3

- ▶ Contact ESO instrument scientists
- ▶ Communication with authors



telbib backend

Edit Paper

The current record has been updated.

PaperID: 48422 BibCode: 2013ApJ...767...88W [View ADS](#) | [View telbib](#)
Bibliographic info: ApJ, vol. 767, pp. 88- (4/2013)
CitationCount: 8 | Reads:

Title:
ALMA Redshifts of Millimeter-selected Galaxies from the SPT Survey:
The Redshift Distribution of Dusty Star-forming Galaxies

Private Comment:

Author(s): (Add/Edit/List/Delete)

1.) Weiß, A.; 2.) De Breuck, C.; 3.) Marrone, D. P.; 4.) Vieira, J. D.; 5.) Aguirre, J. E.; 6.) Aird, K. A.; 7.) Aravena, M.; 8.) Ashby, M. L. N.; 9.) Bayliss, M.; 10.) Benson, B. A.; 11.) Béthermin, M.; 12.) Biggs, A. D.; 13.) Bleem, L. E.; 14.) Bock, J. J.; 15.) Bothwell, M.; 16.) Bradford, C. M.; 17.) Brodwin, M.; 18.) Carlstrom, J. E.; 19.) Chang, C. L.; 20.) Chapman, S. C.; 21.) Crawford, T. M.; 22.) Crites, A. T.; 23.) de Haan, T.; 24.) Dobbs, M. A.; 25.) Downes, T. P.; 26.) Fassnacht, C. D.; 27.) George, E. M.; 28.) Gladders, M. D.; 29.) Gonzalez, A. H.; 30.) Greve, T. R.; 31.) Halverson, N. W.; 32.) Hezaveh, Y. D.; 33.) High, F. W.; 34.) Holder, G. P.; 35.) Holzapfel, W. L.; 36.) Hoover, S.; 37.) Hrubes, J. D.; 38.) Husband, K.; 39.) Keisler, R.; 40.) Lee, A. T.; 41.) Leitch, E. M.; 42.) Lueker, M.; 43.) Luong-Van, D.; 44.) Malkan, M.; 45.) McIntyre, V.; 46.) McMahon, J. J.; 47.) Mehl, J.; 48.) Menten, K. M.; 49.) Meyer, S. S.; 50.) Murphy, E. J.; 51.) Padin, S.; 52.) Plagge, T.; 53.) Reichardt, C. L.; 54.) Rest, A.; 55.) Rosenman, M.; 56.) Ruel, J.; 57.) Ruhl, J. E.; 58.) Schaffer, K. K.; 59.) Shirokoff, E.; 60.) Spilker, J. S.; 61.) Stalder, B.; 62.) Staniszewski, Z.; 63.) Stark, A. A.; 64.) Story, K.; 65.) Vanderlinde, K.; 66.) Welikala, N.; 67.) Williamson, R.;

First Author:

Weiss, A.

ESO Key :

DE B

☐ Staff

☒ Staff+Instr

☒ Refereed

☐ Made Public

☐ Shadow

ProgramID found

Best source: ProgramID

Location: Acknowledgements

Facilities: ☐

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ModifiedDate: Jul 26 20
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MadePublicDate: Not Ma

List of Programs

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088.A-0902	sm	-	Normal	FORS2	N	☐
086.A-0793	vm	ESO	Normal	Z-Spec	N	☐
086.A-1002	sm	ESO	Normal	SABOCA	N	☐
087.A-0815	sm	ESO	Normal	Z-Spec	N	☐
087.A-0968	sm	ESO	Normal	SABOCA	N	☐
Max-Planck data	sm	MPG	Any	LABOCA	N	☐
		-	Any	-	N	☐

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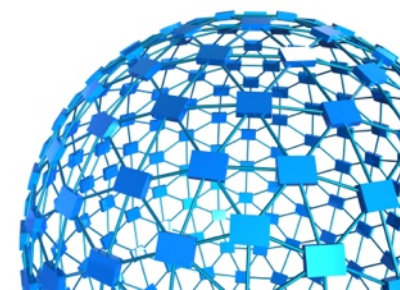
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telbib backend

URL Press Release {

Public Comment:

http://www.eso.org/public/news/eso1313/ (Press Release)

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[\[-\] Less Information](#)

List of **Programs**

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086.A-1002	sm	ESO	Normal	SABOCA	N	☐
087.A-0815	sm	ESO	Normal	Z-Spec	N	☐
087.A-0968	sm	ESO	Normal	SABOCA	N	☐
Max-Planck data	sm	MPG	Any	LABOCA	N	☐
		-	Any	-	N	+

Additional **tags**: [Add/Edit](#)

Staff+Instr **x**

:PressRelease **x**

Edit TelBib Paper

OR Close Window

☒ Staff+Instr

☒ Refereed

☐ Made Public

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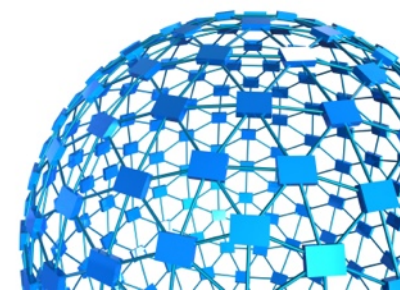
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other tags {

e.g., archive tags,
Press Release, surveys,
ESO visitor/national
telescopes,
ESO staff authors,



telbib backend completed

from ADS

added by
librarians

from Archive

Edit Paper

PaperID: 47709 BibCode: [View ADS](#) | [View telbib](#)

Bibliographic info: ApJ, vol. 767, pp. 88- (4/2013)

CitationCount: 9 | Reads: 288

Title:

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cosmology: observations, early universe, galaxies: evolution, galaxies: high-redshift, ISM: molecules

Public Comment:

URL:

[\[-\] Less Information](#)

Author(s): [Add/Edit/List/Delete](#)

1.) Weiß, A.; 2.) **De Breuck, C.**; 3.) Marrone, D. P.; 4.) Vieira, J. D.; 5.) Aguirre, J. E.; 6.) Aird, K. A.; 7.) **Aravena, M.**; 8.) Ashby, M. L. N.; 9.) Bayliss, M.; 10.) Benson, B. A.; 11.) Béthermin, M.; 12.) **Biggs, A. D.**; 13.) Bleem, L. E.; 14.) Bock, J. J.; 15.) Bothwell, M.; 16.) Bradford, C. M.; 17.) Brodwin, M.; 18.) Carlstrom, J. E.; 19.) Chang, C. L.; 20.) Chapman, S. C.; 21.) Crawford, T. M.; 22.) Crites, A. T.; 23.) de Haan, T.; 24.) Dobbs, M. A.; 25.) Downes, T. P.; 26.) Fassnacht, C. D.; 27.) George, E. M.; 28.) Gladders, M. D.; 29.) Gonzalez, A. H.; 30.) Greve, T. R.; 31.) Halverson, N. W.; 32.) Hezaveh, Y. D.; 33.) High, F. W.; 34.) Holder, G. P.; 35.) Holzapfel, W. L.; 36.) Hoover, S.; 37.) Hrubes, J. D.; 38.) Husband, K.; 39.) Keisler, R.; 40.) Lee, A. T.; 41.) Leitch, E. M.; 42.) Lueker, M.; 43.) Luong-Van, D.; 44.) Malkan, M.; 45.) McIntyre, V.; 46.) McMahon, J. J.; 47.) Mehl, J.; 48.) Menten, K. M.; 49.) Meyer, S. S.; 50.) Murphy, E. J.; 51.) Padin, S.; 52.) Plagge, T.; 53.) Reichardt, C. L.; 54.) Rest, A.; 55.) Rosenman, M.; 56.) Ruel, J.; 57.) Ruhl, J. E.; 58.) Schaffer, K. K.; 59.) Shirokoff, E.; 60.) Spilker, J. S.; 61.) Stalder, B.; 62.) Staniszewski, Z.; 63.) Stark, A. A.; 64.) Story, K.; 65.) Vanderlinde, K.; 66.) Welikala, N.; 67.) Williamson, R.;

First Author:

ESO Key :

☐ Staff
☒ Staff+Instr
☒ Refereed
☒ Made Public

List of Programs

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086.A-1002	sm	ESO	Normal	SABOCA	N	☐
087.A-0815	sm	ESO	Normal	Z-Spec	N	☐
087.A-0968	sm	ESO	Normal	SABOCA	N	☐
Max-Planck data	sm	MPG	Any	LABOCA	N	☐
		-	Any	-	N	☐

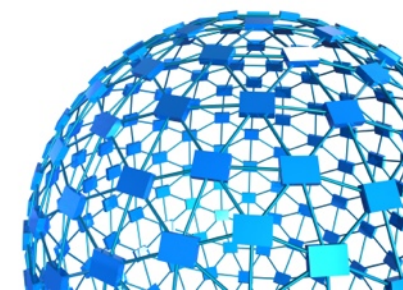
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Staff+Instr ✖

:PressRelease ✖

OR



telbib frontend: <http://telbib.eso.org>

bibliographic
info

URL Press Rel.

instruments
proIDs



European
Southern
Observatory



NOTICES
of the Royal Astronomical Society

ESO Telescope Bibliography

[telbib Statistics](#) | [API](#) | [Help](#) | [Libraries Home](#) | [Archive Home](#) | [ESO Home](#)

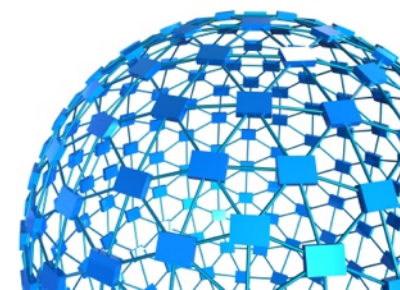
[NEW SEARCH](#)  [EDIT SEARCH](#) 

[« back to results](#)

DETAILED INFORMATION

Author(s)	Wei, A.; De Breuck, C.; Marrone, D. P.; Vieira, J. D.; Aguirre, J. E.; Aird, K. A.; Aravena, M.; Ashby, M. L. N.; Bayliss, M.; Benson, B. A.; B��thermin, M.; Biggs, A. D.; Bleem, L. E.; Bock, J. J.; Bothwell, M.; Bradford, C. M.; Brodwin, M.; Carlstrom, J. E.; Chang, C. L.; Chapman, S. C.; Crawford, T. M.; Crites, A. T.; de Haan, T.; Dobbs, M. A.; Downes, T. P.; Fassnacht, C. D.; George, E. M.; Gladders, M. D.; Gonzalez, A. H.; Greve, T. R.; Halverson, N. W.; Hezaveh, Y. D.; High, F. W.; Holder, G. P.; Holzapfel, W. L.; Hoover, S.; Hrubes, J. D.; Husband, K.; Keisler, R.; Lee, A. T.; Leitch, E. M.; Lueker, M.; Luong-Van, D.; Malkan, M.; McIntyre, V.; McMahon, J. J.; Mehl, J.; Menten, K. M.; Meyer, S. S.; Murphy, E. J.; Padin, S.; Plagge, T.; Reichardt, C. L.; Rest, A.; Rosenman, M.; Ruel, J.; Ruhl, J. E.; Schaffer, K. K.; Shirokoff, E.; Spilker, J. S.; Stalder, B.; Staniszewski, Z.; Stark, A. A.; Story, K.; Vanderlinde, K.; Welikala, N.; Williamson, R.
Title	ALMA Redshifts of Millimeter-selected Galaxies from the SPT Survey: The Redshift Distribution of Dusty Star-forming Galaxies
Keywords	cosmology: observations, early universe, galaxies: evolution, galaxies: high-redshift, ISM: molecules
Abstract	show abstract 
Publication details	ApJ, 2013, vol. 767, p. 88-
BibCode	2013ApJ...767...88W
Fulltext (via ADS)	ADS
Citations (from ADS)	9  17
Further information	http://www.eso.org/public/news/eso1313/ (Press Release)
Instrument(s)	ALMA_Bands, FORS2, LABOCA, SABOCA, Z-Spec
Telescope(s)	ALMA, APEX, PressRelease, VLT
Site(s)	Chajnantor , Paranal , Staff+Instr , Surveys+PRs
ProgramID(s)	2011.0.00957.S (access to data), ALMA-Partner: Europe 088.A-0902 (access to data) 086.A-0793 (access to data), APEX-Partner: ESO 086.A-1002 (access to data), APEX-Partner: ESO 087.A-0815 (access to data), APEX-Partner: ESO 087.A-0968 (access to data), APEX-Partner: ESO Max-Planck data , APEX-Partner: Max-Planck

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The telbib network - Linking in

-- summary --



Linking out

Providing information to other resources



telbib → ESO archive



NEW SEARCH  EDIT SEARCH 

[← back to results](#)

DETAILED INFORMATION

Author(s)	Wei, A.; De Breuck, C.; Marrone, D. P.; Vieira, M.; Biggs, A. D.; Bleem, L. E.; Bock, J. J.; Bothwell, M.; Crites, A. T.; de Haan, T.; Dobbs, M. A.; Dowling, N. W.; Hezaveh, Y. D.; High, F. W.; Hogg, E. M.; Lueker, M.; Luong-Van, D.; Malkan, M.; Marshall, T.; Reichardt, C. L.; Rest, A.; Rosenman, M.; Ruhl, A.; Story, K.; Vanderlinde, K.; Welikala, N.; Williams, J. R.
Title	ALMA Redshifts of Millimeter-selected Galaxies
Keywords	cosmology: observations, early universe, galaxies: distant
Abstract	show abstract
Publication details	ApJ, 2013, vol. 767, p. 88-
BibCode	2013ApJ...767...88W
Fulltext (via ADS)	ADS
Citations (from ADS)	9  17
Further information	http://www.eso.org/public/news/eso1313/ (Press Release)
Instrument(s)	ALMA_Bands, FORS2, LABOCA, SABOCA, ZEPHYRUS
Telescope(s)	ALMA, APEX, PressRelease, VLT
Site(s)	Chajnantor , Paranal , Staff+Instr , Surveys+PR
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bibliographic
info

URL Press Rel.

instruments
proIDs

The form is titled "ESO Archive Query Form" and includes a header with the ESO logo and navigation links: "ESO Archive Overview", "Help Page", "FAQ", "Archive Facility HOME", and "ESO HOME". It contains instructions on how to use the query form and a section for checkboxes to define whether or not they will be displayed on the query result page. The form is divided into several sections: "Target Name" (with a search box and output list), "Imaging" (with a list of instruments and a search box), "Polarimetry" (with a list of instruments and a search box), "Category" (with checkboxes for SCIENCE, CALIB, and ACQUISITION), "User defined input" (with fields for Dataset ID, Orig Name, Release Date, OB Name, and OB ID), and "Instrumental Setup" (with a field for Exptime).

ESO Archive /
Observation Schedule

access to data

Persistent URL: <http://telbib.eso.org/detail.php?bibcode=2013ApJ...767...88W>



telbib → ESO archive

proID

088.A-0902(D). Serv

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Allocated time	24 h
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PI/CoI	CHAPMAN/ STROM/ GR
Observer	
Remarks	
Title	Revealing the
Abstract	Abstract of p
Raw Products	FileList
Publications	PublicationList [3]

data files

all papers using the data

ESO Observation Schedule

ESO Telescope Bibliography

telbib Statistics | API | Help | Libraries Home | Archive Home | ESO Home

REFINE SEARCH

NEW SEARCH | EDIT SEARCH

Results 1 - 3 of 3 found for programid:088.A-0902

YEAR	AUTHOR	TITLE	INSTRUMENTS	ACCESS TO DATA	FULLTEXT ADS
2013	Vieira, J. D. et al.	Dusty starburst galaxies in the early Universe as revealed by gravitational lensing	ALMA_Bands, FORS2, LABOCA, SABOCA, Z-Spec	086.A-0793, 086.A-1002, 087.A-0815, 087.A-0968, 088.A-0902, 2011.0.00957.S, 2011.0.00958.S, Max-Planck data	2013Natur.495..344V
2013	Hezaveh, Y. D. et al.	ALMA Observations of SPT-discovered, Strongly Lensed, Dusty, Star-forming Galaxies	ALMA_Bands, FORS2, ISAAC, LABOCA, X-SHOOTER, Z-Spec	086.A-0793, 086.A-0797, 086.F-9318, 067.A-0815, 087.F-9320, 088.A-0902, 2011.0.00957.S, 2011.0.00958.S, 284.A-5029, Max-Planck data	2013ApJ...767..132H
2013	Weiß, A. et al.	ALMA Redshifts of Millimeter-selected Galaxies from the SPT Survey: The Redshift Distribution of Dusty Star-forming Galaxies	ALMA_Bands, FORS2, LABOCA, SABOCA, Z-Spec	086.A-0793, 086.A-1002, 087.A-0815, 087.A-0968, 088.A-0902, 2011.0.00957.S, Max-Planck data	2013ApJ...767...88W

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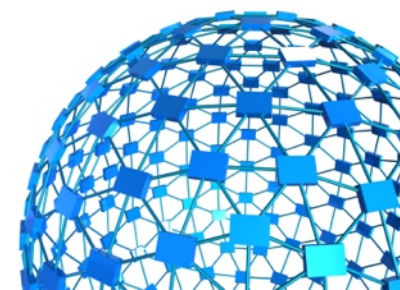
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Author(s)	Wei, A.; De Breuck, C.; Marrone, D. P.; Vieira, J. M.; Biggs, A. D.; Bleem, L. E.; Bock, J. J.; Bothwell, M.; Crites, A. T.; de Haan, T.; Dobbs, M. A.; Downes, R.; Halverson, N. W.; Hezaveh, Y. D.; High, F. W.; Holm, A. M.; Lueker, M.; Luong-Van, D.; Malkan, M.; McClure, T.; Reichardt, C. L.; Rest, A.; Rosenman, M.; Ruel, A.; Story, K.; Vanderlinde, K.; Welikala, N.; Williams, R. A.
Title	ALMA Redshifts of Millimeter-selected Galaxies
Keywords	cosmology: observations, early universe, galaxies
Abstract	show abstract
Publication details	ApJ, 2013, vol. 767, p. 88-
BibCode	2013ApJ...767...88W
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Further information	http://www.eso.org/public/news/eso1313/ (Press Release)
Instrument(s)	ALMA_Bands, FORS2, LABOCA, SABOCA, Z-Spec
Telescope(s)	ALMA, APEX, PressRelease, VLT
Site(s)	Chajnantor , Paranal , Staff+Instr , Surveys+PRs
ProgramID(s)	2011.0.00957.S (access to data), ALMA-Partner: Europe 088.A-0902 (access to data) 086.A-0793 (access to data), APEX-Partner: ESO 086.A-1002 (access to data), APEX-Partner: ESO 087.A-0815 (access to data), APEX-Partner: ESO 087.A-0968 (access to data), APEX-Partner: ESO Max-Planck data, APEX-Partner: Max-Planck

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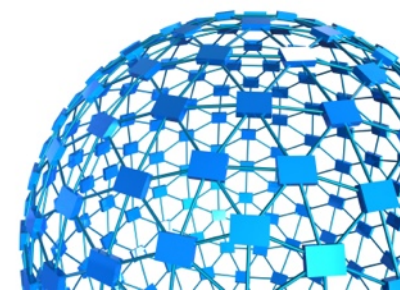
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Title: ALMA Redshifts of Millimeter-selected Galaxies from the SPT [Survey](#): The Redshift Distribution of Dusty Star-forming Galaxies

Authors: [Weiß, A.](#); [De Breuck, C.](#); [Marrone, D. P.](#); [Vieira, J. D.](#); [Aguirre, J. E.](#); [Aird, K. A.](#); [Aravena, M.](#); [Ashby, M. L. N.](#); [Bayliss, M.](#); [Benson, B. A.](#); [Béthermin, M.](#); [Biggs, A. D.](#); [Bleem, L. E.](#); [Bock, J. J.](#); [Bothwell, M.](#); [Bradford, C. M.](#); [Brodwin, M.](#); [Carlstrom, J. E.](#); [Chang, C. L.](#); [Chapman, S. C.](#); [Crawford, T. M.](#); [Crites, A. T.](#); [de Haan, T.](#); [Dobbs, M. A.](#); [Downes, T. P.](#); [Fassnacht, C. D.](#); [George, E. M.](#); [Gladders, M. D.](#); [Gonzalez, A. H.](#); [Greve, T. R.](#); [Halverson, N. W.](#); [Hezaveh, Y. D.](#); [High, F. W.](#); [Holder, G. P.](#); [Holzapfel, W. L.](#); [Hoover, S.](#); [Hrubes, J. D.](#); [Husband, K.](#); [Keisler, R.](#); [Lee, A. T.](#); [Leitch, E. M.](#); [Lueker, M.](#); [Luong-Van, D.](#); [Malkan, M.](#); [McIntyre, V.](#); [McMahon, J. J.](#); [Mehl, J.](#); [Menten, K. M.](#); [Meyer, S. S.](#); [Murphy, E. J.](#); [Padin, S.](#); [Plagge, T.](#); [Reichardt, C. L.](#); [Rest, A.](#); [Rosenman, M.](#); [Ruel, J.](#); [Ruhl, J. E.](#); [Schaffer, K. K.](#); [Shirokoff, E.](#); [Spilker, J. S.](#); [Stalder, B.](#); [Staniszewski, Z.](#); [Stark, A. A.](#); [Story, K.](#); [Vanderlinde, K.](#); [Welikala, N.](#); [Williamson, R.](#)

Affiliation: AA(Max-Planck-Institut für Radioastronomie, Auf dem Hügel 69, D-53121 Bonn, Germany), AB(European Southern Observatory, Karl-Schwarzschild Straße, D-85748 Garching bei München, Germany), AC(Steward Observatory, University of Arizona, 933 North Cherry



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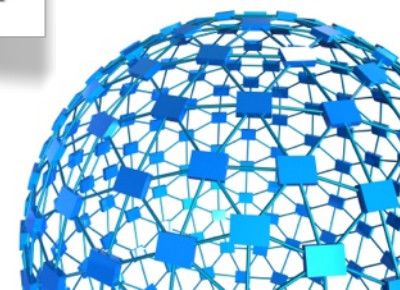
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Author(s)

M.; Biggs, A. D.; Bleem, L. E.; Bock, J. J.; Bothwell, M.; Bradford, C. M.; Brodwin, M.; Carlstrom, J. E.; Chang, C. L.; Chapman, S. C.; Crawford, T. M.; Crites, A. T.; de Haan, T.; Dobbs, M. A.; Downes, T. P.; Fassnacht, C. D.; George, E. M.; Gladders, M. D.; Gonzalez, A. H.; Greve, T. R.; Halverson, N. W.; Hezaveh, Y. D.; High, F. W.; Holder, G. P.; Holzappel, W. L.; Hoover, S.; Hrubes, J. D.; Husband, K.; Jesler, R.; Lee, A. T.; Leitch, E. M.; Lueker, M.; Luong-Van, D.; Maikani, M.; McIntyre, V.; McMahon, J. J.; Mehl, J.; Menten, K. M.; Meyer, S. S.; Murray, E. J.; Padin, S.; Pappalardo, T.; Reichardt, C. L.; Rest, A.; Rosenman, M.; Ruel, J.; Ruhl, J. E.; Schaffer, K. K.; Shirokoff, E.; Spilker, J. S.; Staider, S.; Staniszewski, Z.; Stark, A. A.; Story, K.; Vanderlinde, K.; Welikala, N.; Williamson, R.

Title
ALMA Redshifts of Millimeter-selected Galaxies from the SPT Survey: The Redshift Distribution of Dusty Star-forming Galaxies
Keywords
cosmology; observations; early universe; galaxies: evolution; galaxies: high-redshift; ISM: molecules
Abstract
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Publication details
ApJ, 2013, vol. 767, p. 88-
BibCode
2013ApJ...767...88W
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Instrument(s)
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Telescope(s)
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Site(s)
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ProgramID(s)
2011.0.00957.S (access to data), ALMA-Partner: Europ
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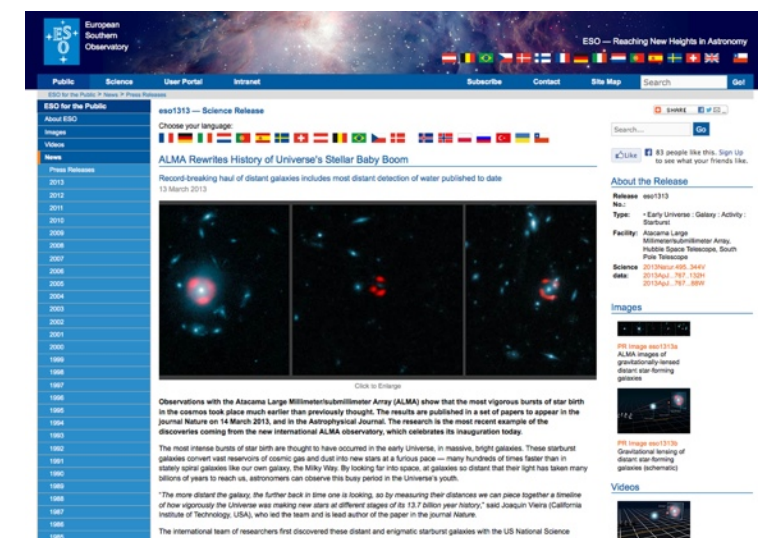
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Author(s)	Weiß, A.; De Breuck, C.; Marrone, D. P.; Vieira, J. D.; Aguirre, M.; Biggs, A. D.; Bleem, L. E.; Bock, J. J.; Bothwell, M.; Bradt, M.; Crites, A. T.; de Haan, T.; Dobbs, M. A.; Downes, T. P.; Falgarone, N. W.; Hezaveh, Y. D.; High, F. W.; Holder, G. P.; Jones, E. M.; Lueker, M.; Luong-Van, D.; Malkan, M.; McIntyre, V.; Miettinen, T.; Reichardt, C. L.; Rest, A.; Rosenman, M.; Ruel, J.; Ruhl, J. A.; Story, K.; Vanderlinde, K.; Welikala, N.; Williamson, R.
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Telescope(s)	ALMA, APEX, PressRelease, VLT
Site(s)	Chajnantor , Paranal , Staff+Instr , Surveys+PRs
ProgramID(s)	2011.0.00957.S (access to data), ALMA-Partner: Europe 088.A-0902 (access to data) 086.A-0793 (access to data), APEX-Partner: ESO 086.A-1002 (access to data), APEX-Partner: ESO 087.A-0815 (access to data), APEX-Partner: ESO 087.A-0968 (access to data), APEX-Partner: ESO Max-Planck data, APEX-Partner: Max-Planck
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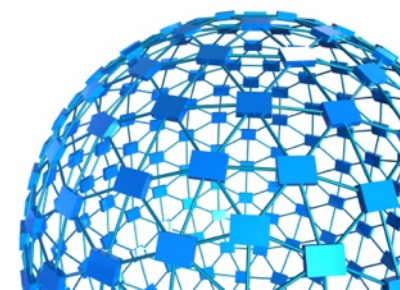
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DETAILED INFORMATION

Author(s) Campbell, Simon W.; D'Orazi, Valentina; Yong, David; Constantino, Thomas; Wylie-de Boer, Elizabeth C.; Grundahl, Frank

Title Sodium content as a predictor of the advanced evolution of globular clusters

Keywords not available

Abstract The asymptotic giant branch (AGB) phase is the final stage of nuclear burning in stars. They still provide relevant information for the evolution theory. It is predicted that AGB stars will eventually contribute to the chemical enrichment of the interstellar medium. In this paper, we present abundance measurements of the AGB stars in the globular cluster NGC 6752. This implies that the AGB stars can be used as a reliable tool to study the evolution of the cluster. We have no clear explanation for this observation.

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Publication details Nature, 2013, vol. 498, p. 198-200

BibCode 2013Natur.498..198C

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Instrument(s) FLAMES-GIRAFFE

Telescope(s) PressRelease, VLT

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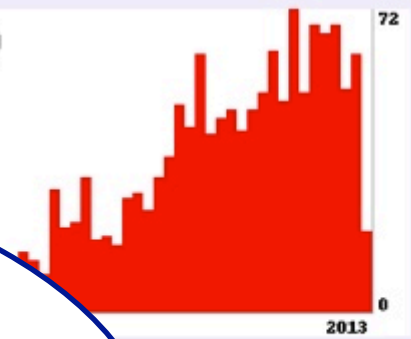
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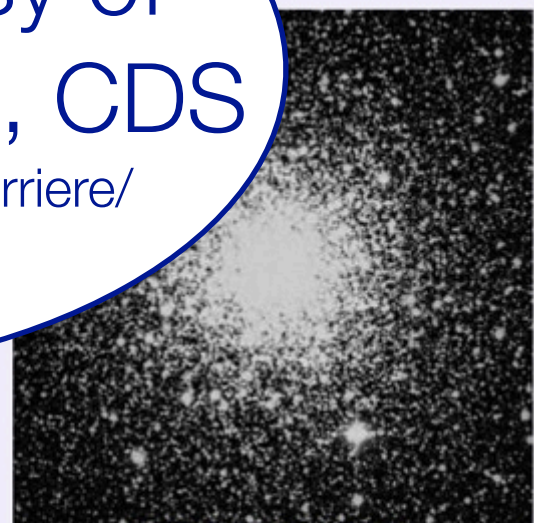
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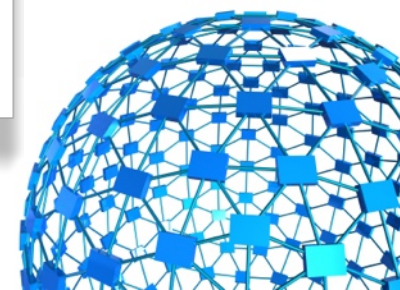
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Author(s) Campbell, Simon W.; D'Orazi, Valentina; Yong, David; Constantino, Thomas N.; Lattanzio, John C.; Standcliffe, Richard J.; Angelou, George C.; Wylie-de Boer, Elizabeth C.; Grundahl, Frank

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Keywords not available

Abstract The asymptotic giant branch (AGB) phase is the final stage of nuclear burning for low-mass stars. Although Milky Way globular clusters are now known to harbour (at least) two generations of stars, they still provide relatively homogeneous samples of stars that are used to constrain stellar evolution theory. It is predicted that a majority of cluster stars with masses around the current turn-off mass (that is, the mass of the stars that are currently evolving through the AGB phase) will evolve through the AGB phase. Here we report that all of the second-generation stars in the globular cluster NGC 6354 fail to reach the AGB phase. Through spectroscopic abundance measurements, we find that our sample has a low sodium abundance, indicating that they are exclusively first-generation stars. This implies that globular clusters cannot reliably be used for star counts to test stellar evolution timescales if the AGB population is included. We have no clear explanation for this observation.
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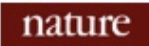
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Erstmals direkte Beobachtung von ausgedehnten Gasströmen, die Locke in Materiescheibe um jungen Stern berwinden. ..

telbib frontend with links

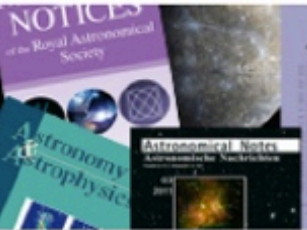
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info

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DETAILED INFORMATION

Author(s)	Campbell, Simon W.; D'Orazi, Valentina; Yong, David; Constantino, Thomas N.; Lattanzio, John C.; Standcliffe, Richard J.; Angelou, George C.; Wylie-de Boer, Elizabeth C.; Grundahl, Frank
Title	Sodium content as a predictor of the advanced evolution of globular cluster stars
Keywords	not available
Abstract	The asymptotic giant branch (AGB) phase is the final stage of nuclear burning for low-mass stars. Globular clusters in the Milky Way are known to harbour (at least) two generations of stars, they still provide relatively homogeneous samples of stars that are currently in the AGB phase. It is predicted by stellar models that the majority of cluster stars around the current turn of the stars that are currently in the AGB phase will have evolved into the AGB phase. Here we report the abundance measurement of the first generation stars in the globular cluster NGC 6354, which has a low sodium abundance, indicating that the first generation stars. This implies that the AGB phase is included. We have no clear evidence for the AGB phase. hide abstract
Publication details	Nature, 2013, vol. 498, p. 198-200
BibCode	2013Natur.498..198C
Fulltext (via ADS)	ADS
Citations (from ADS)	1  58
Further information	http://www.eso.org/public/news/eso1323/ (Press Release)
Instrument(s)	FLAMES-GIRAFFE
Telescope(s)	PressRelease, VLT
Site(s)	Paranal, Surveys+PRs
ProgramID(s)	089.D-0038 (access to data)

Persistent URL: <http://telbib.eso.org/detail.php?bibcode=2013Natur.498..198C>

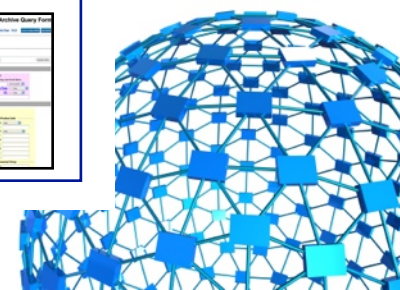
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fulltext

altmetric.com

ESO PR

data



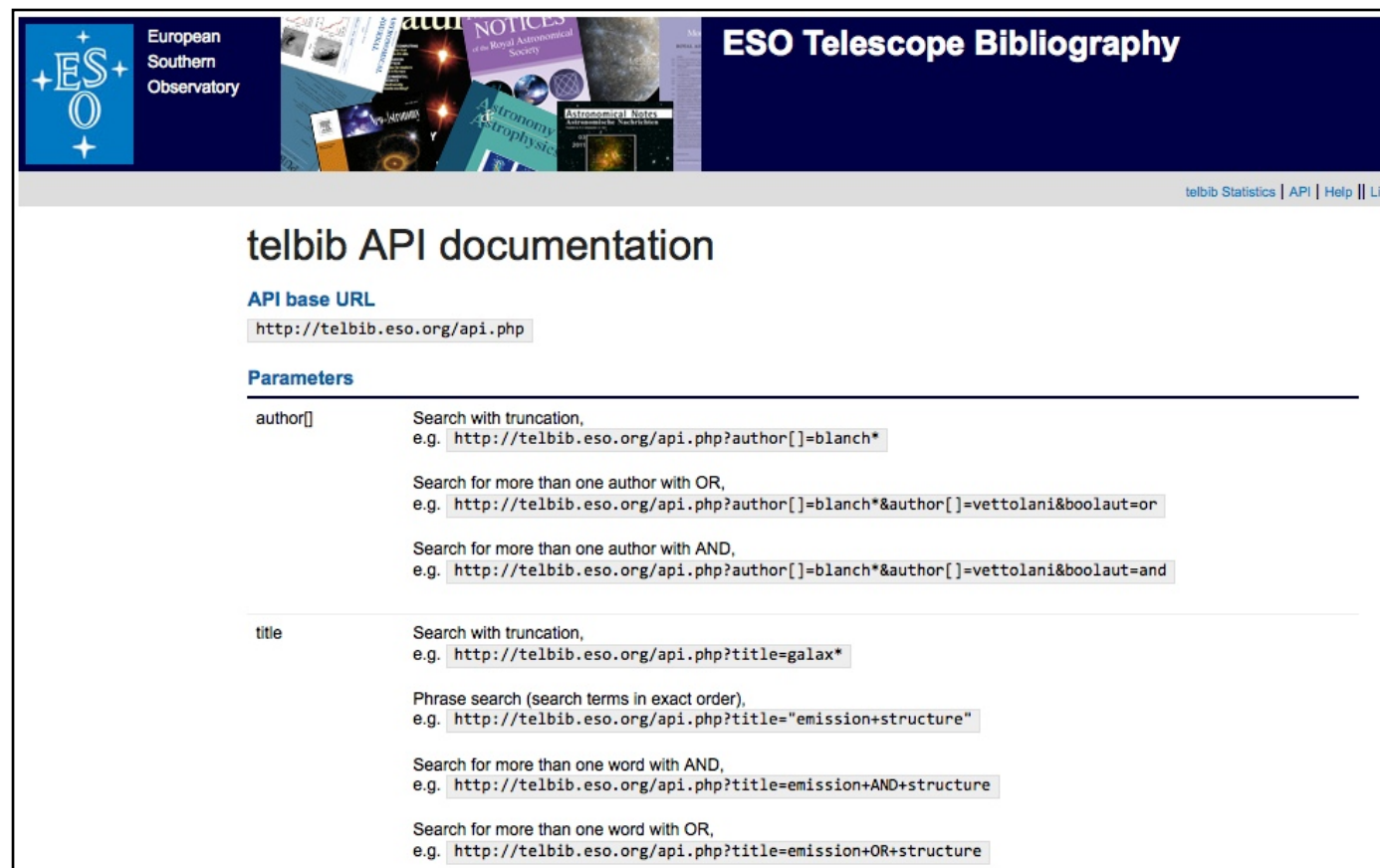
The telbib network - Linking out

-- summary --



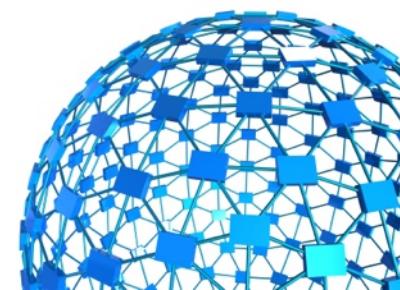
Anywhere → telbib (via API)

- ▶ API = Application Programming Interface
- ▶ routine to automatically query telbib and retrieve structured content
- ▶ telbib API base URL: <http://telbib.eso.org/api.php> (documentation: /api-docu.php)
- ▶ various parameters (author, year from/to, proID, instrument, etc.)
- ▶ Result: XML output
- ▶ Feel free to use it! (reference to source appreciated)



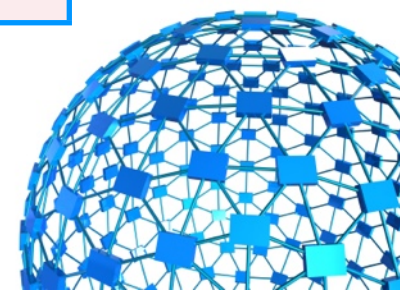
The screenshot shows the ESO Telescope Bibliography website. The header includes the ESO logo and the text "European Southern Observatory". The main title is "ESO Telescope Bibliography". Below the header, there is a navigation bar with links for "telbib Statistics", "API", "Help", and "Lib". The main content area is titled "telbib API documentation". It includes the "API base URL" as <http://telbib.eso.org/api.php>. Under the "Parameters" section, there are two main categories: "author[]" and "title". Each category provides search instructions and example URLs. For "author[]", examples include searching with truncation, OR, and AND. For "title", examples include searching with truncation, phrase search, AND, and OR.

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  ALMA Redshifts of Millimeter-selected Galaxies from the SPT Survey:
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  Using the Atacama Large Millimeter/submillimeter Array, we have cond
  dusty star-forming galaxies (DSFGs) selected with the South Pole Telesc
  low-z sources, not have bright radio (S 843 MHz < 6 mJy) or far-infrared
  which we identify as redshifted emission lines of 12CO, 13CO, C I, H2O
  this survey; in 12 of these sources we detect multiple lines, while in 11 s
  degeneracy with additional spectroscopic observations if available, or inf
  of the sample. The three sources with no lines detected are tentatively pla
  3.5. This finding is in contrast to the redshift distribution of radio-identi
  10%-15% of the population is expected to be at z > 3. We discuss the eff
  to that of models in the literature.
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The telbib network - identifiers

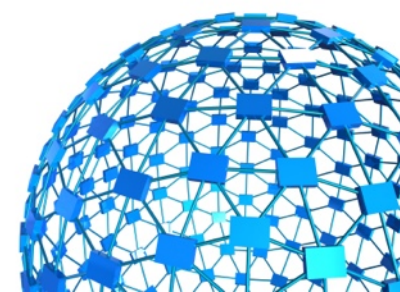
From	To	Identifier
ADS	telbib	bibcode
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ESO press releases	telbib	bibcode
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telbib	ESO press releases	bibcode
telbib	CDS	object name
telbib	Altmetric.com	DOI (Digital Object Identifier)
anywhere	telbib	parameters defined by API





What's next?

- ▶ **ALMA:**
 - automated links to ALMA archive (when available)
- ▶ **ESO Observing Proposals Office:**
 - revised system under development; integrate telbib w/ new system
- ▶ **ESO archive data products:**
 - data products mostly from survey telescopes
 - proper linking between telbib and archive (proID? requestID?)
- ▶ **Challenges:**
 - growing number of publications and facilities that are tracked
 - increasing complexity of telbib system



The telbib network

Questions & suggestions:
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library@eso.org

