ESO
European Organisation
for Astronomical
Research in the
Southern Hemisphere

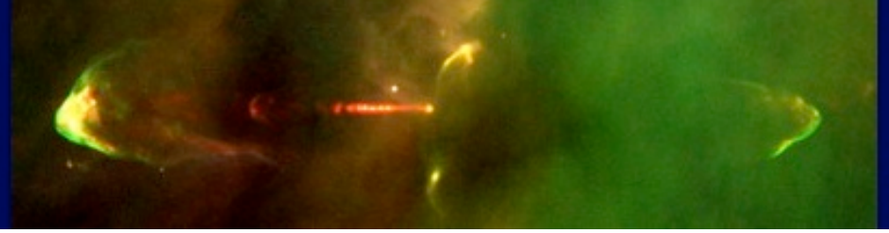
ESO Libraries Resources

ESO - Reaching New Heights in Astronomy

ESO telbib: an interconnected database

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

LISA VII, Naples 17-20 June 2014



ESO Telescope Bibliography (telbib)

- What?
  - Database of refereed papers that use ESO data
- Why?
  - link resources (science papers -> data / obs. 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

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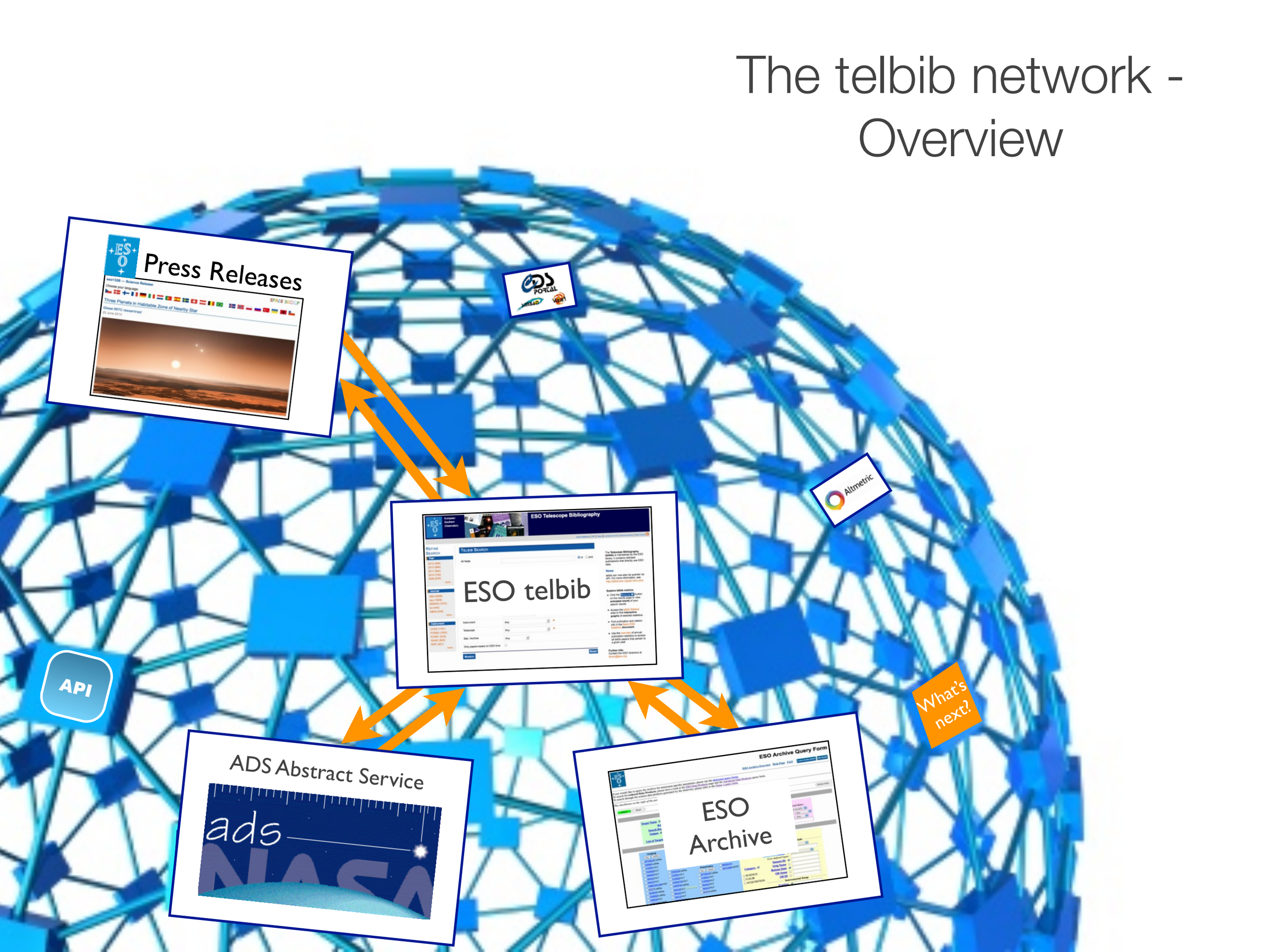

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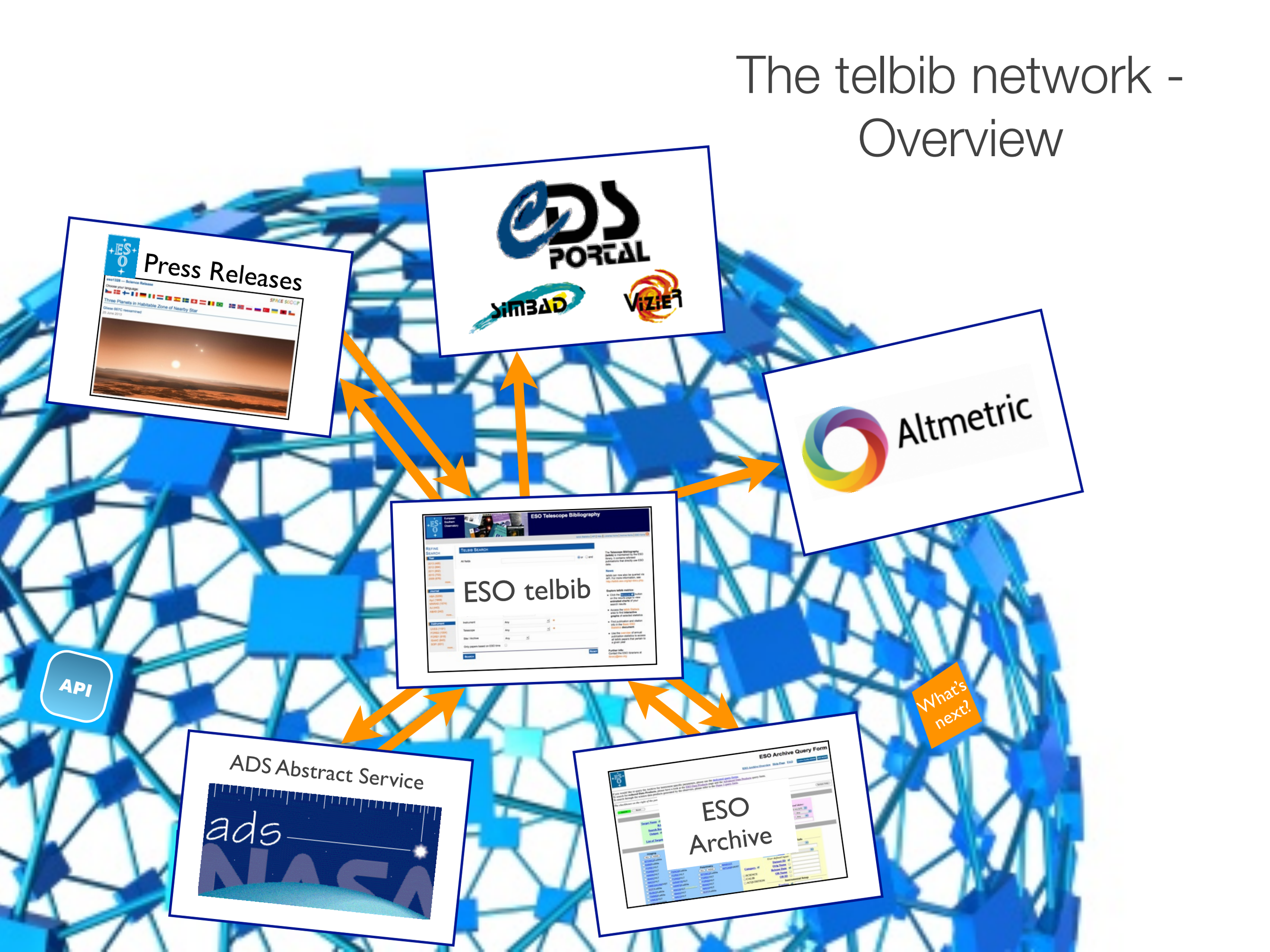

The telbib network - Overview

The telbib network - Overview

Linking in

Populating the telbib database

telbib backend

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PaperID: 48422 BibCode: **View ADS** | **View telbib**
Bibliographic info:
CitationCount:

Title:

Private Comment:

e.g. Affil corrected manually. | HARPS ADP/ESO as disc. w/ Jeremy Walsh 31/3/11 | N. Delmotte: UVES POP (266.D-5655) not ADP nor Archive [unless retrieved from Arc] 24/8/07

[+] Abstract, Keywords, Public Comment, URL

List of **Programs**

ID	Mode	Part	Type	Instrument	Archive	Del
		-	Any	-	N	+

Additional **tags**: **Add/Edit**

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

First Author:

ESO Key :

☐ Staff
☐ Staff+Instr

☑ Refereed
☐ Made Public

☐ Shadow

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Facilities: ☐

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telbib backend

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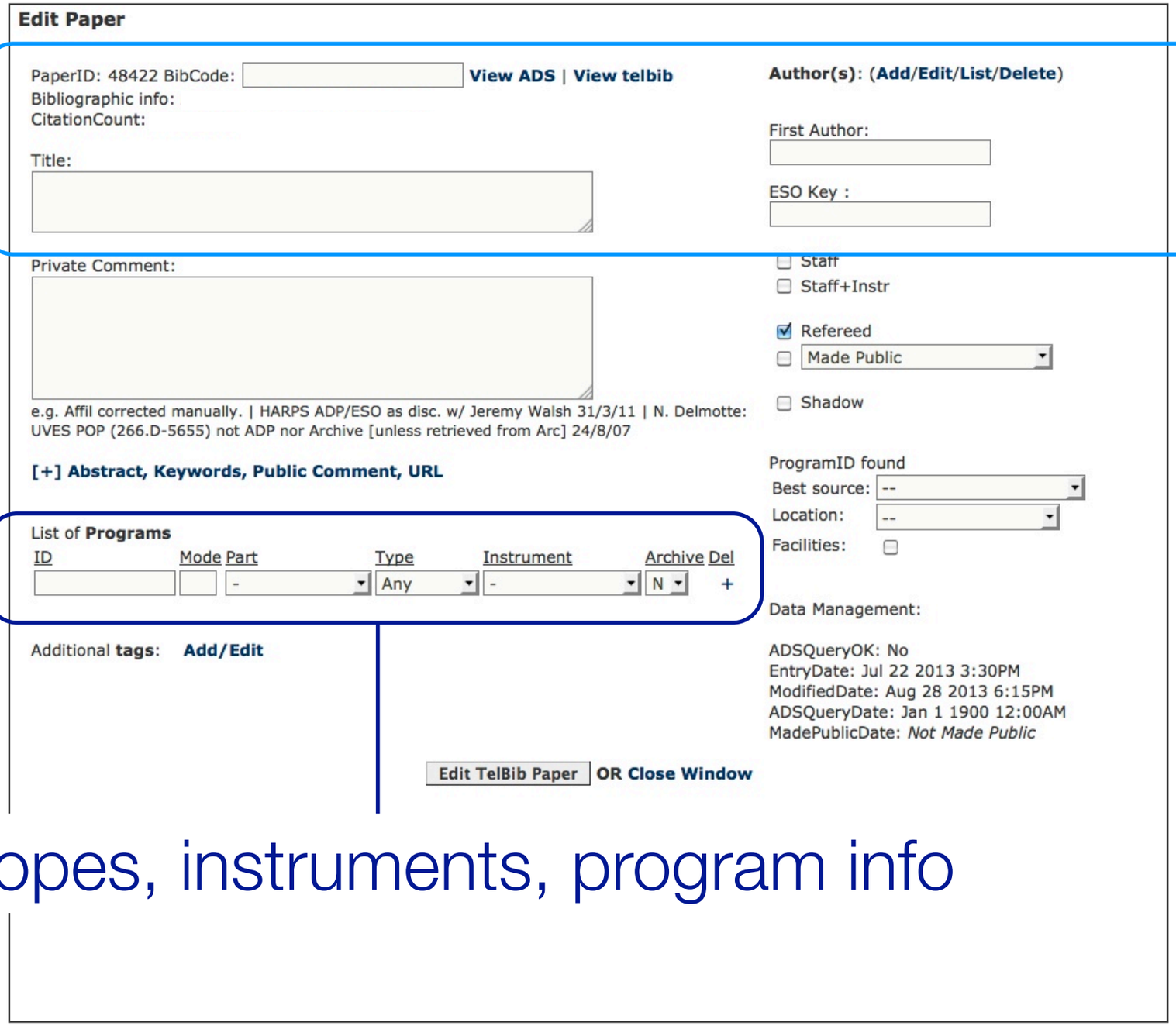

telescopes, instruments, program info

ADS → telbib


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      <author>De Breuck, C.</author>
      <author>Marrone, D. P.</author>
      <author>Vieira, J. D.</author>
      <author>Aguirre, J. E.</author>
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        Garching bei München, Germany), AC(Steward Observatory, University of Arizona, 933 North Cherry Avenue, Tucson, AZ 85721, USA), AD(California Institute of
        Technology, 1200 E. California Blvd., Pasadena, CA 91125, USA), AE(University of Pennsylvania, 209 South 33rd Street, Philadelphia, PA 19104, USA), AF(University
        of Chicago, 5640 South Ellis Avenue, Chicago, IL 60637, USA), AG(European Southern Observatory, Karl-Schwarzschild Straße, D-85748 Garching bei München,
        Germany), AH(Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, Cambridge, MA 02138, USA), AI(Harvard-Smithsonian Center for Astrophysics, 60
        Garden Street, Cambridge, MA 02138, USA; Department of Physics, Harvard University, 17 Oxford Street, Cambridge, MA 02138, USA), AJ(Kavli Institute for
        Cosmological Physics, University of Chicago, 5640 South Ellis Avenue, Chicago, IL 60637, USA ; Enrico Fermi Institute, University of Chicago, 5640 South Ellis
        Avenue, Chicago, IL 60637, USA), AK(Laboratoire AIM-Paris-Saclay, CEA/DSM/Irfu - CNRS - Université Paris Diderot, CEA-Saclay, Orme des Merisiers, F-91191
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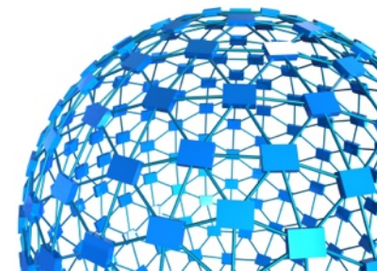

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- title
- journal, vol., pages
- abstract, keywords
- citations, ‘reads’

telbib backend

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bib info
citations
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title

Edit Paper

The current record has been updated.

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CitationCount: 8 | Reads:

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Staff+Instr x

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First Author:
Weiss, A.

ESO Key :
DE B

- [ ] Staff
- [x] Staff+Instr
- [x] Refereed
- [ ] Made Public
- [ ] Shadow

authors
incl. affiliations

telbib backend

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bib info
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[reads]
title

authors
incl. affiliations

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The current record has been updated.

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Private Comment:

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UVES POP (266.D-5655) r

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Staff+Instr x

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7	7	Aravena, M.	Aravena, M.	European Southern	ESO	Garching
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9	9	Bayliss, M.	Bayliss, M.	Harvard-Smithsonia	USA	Choose
10	10	Benson, B. A.	Benson, B. A.	Kavli Institute for C	USA	Choose
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11	11	Béthermin, M.	Bethermin, M.	Laboratoire AIM-Pa	France	Choose
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ESO authors

DE B

Staff
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ESO Archive / Obs Schedule → telbib

ESO Archive / Obs Schedule → telbib

Populating telbib with program and instrument info

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, APEX, and ALMA observations

List of **Programs**

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ESO Archive / Obs Schedule → telbib

Populating telbib with program and instrument info

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088.A-0902(B)	ISAAC	sm	Normal	16	Chapman/ Vieira/ Marrone/ De Alaghband-Zadeh/ Strom/ Grev
088.A-0902(C)	FORS2	sm	Normal	4	Chapman/ Vieira/ Marrone/ De Alaghband-Zadeh/ Strom/ Grev
088.A-0902(C)	FORS2	sm	Normal	0	Chapman/ Vieira/ Marrone/ De Alaghband-Zadeh/ Strom/ Grev
088.A-0902(D)	FORS2	sm	Normal	24	Chapman/ Vieira/ Marrone/ De Alaghband-Zadeh/ Strom/ Grev

2 Archive search

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

ESO Archive Query Form

ESO Archive Overview | Help Page | FAQ | Archive Facility HOME | ESO HOME

If you would like to query the Archive for instrument specific parameters, please use the dedicated query forms.
To search for **reduced Data Products**, please have a look at the ESO Data Products page and the Advanced Data Products query form.
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The checkboxes on the right of the parameters define whether or not they will be displayed on the query result page.

Search | Reset | Output preferences: html table | Return max 200 rows. | All Fields | Syntax Help

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Observing Information

Imaging	Spectroscopy	Interferometry	Other
EFOSC2/LaSilla	CES/LaSilla	AMBER/VLTI	BOL/APEX
EMMI/LaSilla	CRIRES/VLT	MIDI/VLTI	HET/APEX
FORS1/VLT	EFOSC2/LaSilla	VINCI/VLTI	LGSF
FORS2/VLT	EMMI/LaSilla		MAD
HAWKI/VLT	FEROS/LaSilla	**Polarimetry**	MASCOT
ISAAC/VLT	FORS1/VLT	EFOSC2/LaSilla	WFCAM/UKIRT
NACO/VLT	FORS2/VLT	FORS1/VLT	
OMEGACAM/VST	GIRAFFE/VLT	FORS2/VLT	
SOFI/LaSilla	HARPS/LaSilla	ISAAC/VLT	
SUSI/2/LaSilla	KMOS/VLT	NACO/VLT	
TIMMI2/LaSilla	ISAAC/VLT	SOFI/LaSilla	
VIMOS/VLT	NACO/VLT		
VIRCAM/VISTA	SINFONI/VLT		

Category: SCIENCE | CALIB | ACQUISITION

Data Product Info

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Instrumental Setup

Exptime

ESO Archive / Obs Schedule → telbib

Populating telbib with program and instrument info

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088.A-0902(C)	FORS2	sm	Normal	4	Chapman/ Vieira/ Marrone/ De Alaghband-Zadeh/ Strom/ Grev
088.A-0902(C)	FORS2	sm	Normal	0	Chapman/ Vieira/ Marrone/ De Alaghband-Zadeh/ Strom/ Grev
088.A-0902(D)	FORS2	sm	Normal	24	Chapman/ Vieira/ Marrone/ De Alaghband-Zadeh/ Strom/ Grev

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EMMI/LaSilla	CRIRES/VLT	MIDI/VLTI	HET/APEX
FORS1/VLT	EFOSC2/LaSilla	VINCI/VLTI	LGSF
FORS2/VLT	EMMI/LaSilla		MAD
HAWKI/VLT	FEROS/LaSilla	**Polarimetry**	MASCOT
ISAAC/VLT	FORS1/VLT	EFOSC2/LaSilla	WFCAM/UKIRT
NACO/VLT	FORS2/VLT	FORS1/VLT	
OMEGACAM/VST	GIRAFFE/VLT	FORS2/VLT	
SOFI/LaSilla	HARPS/LaSilla	ISAAC/VLT	
SUSI2/LaSilla	KMOS/VLT	NACO/VLT	
TIMMI2/LaSilla	ISAAC/VLT	SOFI/LaSilla	
VIMOS/VLT	NACO/VLT		
VIRCAM/VISTA	SINFONI/VLT		

Category: SCIENCE, CALIB, ACQUISITION

Data Product Info

Type Any | *User defined input:* | Mode Any | *User defined input:* | Dataset ID | Orig Name | Release Date | OB Name | OB ID

Instrumental Setup

Exptime

3

- Contact ESO instrument scientists
- Communication with authors

telbib backend

program info

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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:
2013arXiv1303.2726W ESO PR 13/13 eso1313

e.g. Affil corrected manually. | HARPS ADP/ESO as disc. w/ Jeremy Walsh 31/3/11 | N. Delmotte: UVES POP (266.D-5655) not ADP nor Archive [unless retrieved from Arc] 24/8/07

[+] Abstract, Keywords, Public Comment, URL

List of **Programs**

ID	Mode	Part	Type	Instrument	Archive	Del	
2011.0.00957.S	sm	Europe	Standard	ALMA_Bands	N		**arc?**
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	+	

Additional **tags**: **Add/Edit**
Staff+Instr x

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
- [x] Staff+Instr
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ADSQueryOK: No
EntryDate: Jul 22 2013
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ADSQueryDate: Jan 1 1
MadePublicDate: *Not Ma*

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Edit Paper

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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.

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ADSQueryDate: Jan 1 1
MadePublicDate: *Not Ma*

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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	
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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:

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Weiss, A.

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- [ ] Staff
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Location: Acknowledgements
Facilities:

Data Management:

ADSQueryOK: No
EntryDate: Jul 22 2013
ModifiedDate: Jul 26 20
ADSQueryDate: Jan 1 1
MadePublicDate: *Not Ma*

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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obs mode
ALMA/APEX partner
obs type
instru-ments
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Public Comment:
http://www.eso.org/public/news/eso1313/ (Press Release)

URL:
http://adsabs.harvard.edu/cgi-bin/nph-data_query?bibcode=2013A

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List of **Programs**

ID	Mode	Part	Type	Instrument	Archive	Del	
2011.0.00957.S	sm	Europe	Standard	ALMA_Bands	N		**arc?**
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086.A-0793	vm	ESO	Normal	Z-Spec	N		
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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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Best source: ProgramID
Location: Acknowledgements
Facilities:

Data Management:

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EntryDate: Jul 22 2013 3:30PM
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PaperID: 47709 BibCode: 2013ApJ...767...88W **View ADS** | **View telbib**
Bibliographic info: ApJ, vol. 767, pp. 88- (4/2013)
CitationCount: 9 | Reads: 288

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

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

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

URL:
http://adsabs.harvard.edu/cgi-bin/nph-data_query?bibcode=2013A

[-] Less Information

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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.**) Baylies, 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.;

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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**
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First Author:
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Author(s)	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.
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 Altmetric 17
Further information	http://www.eso.org/public/news/eso1313/ (Press Release)

URL Press Rel.

instruments

proIDs

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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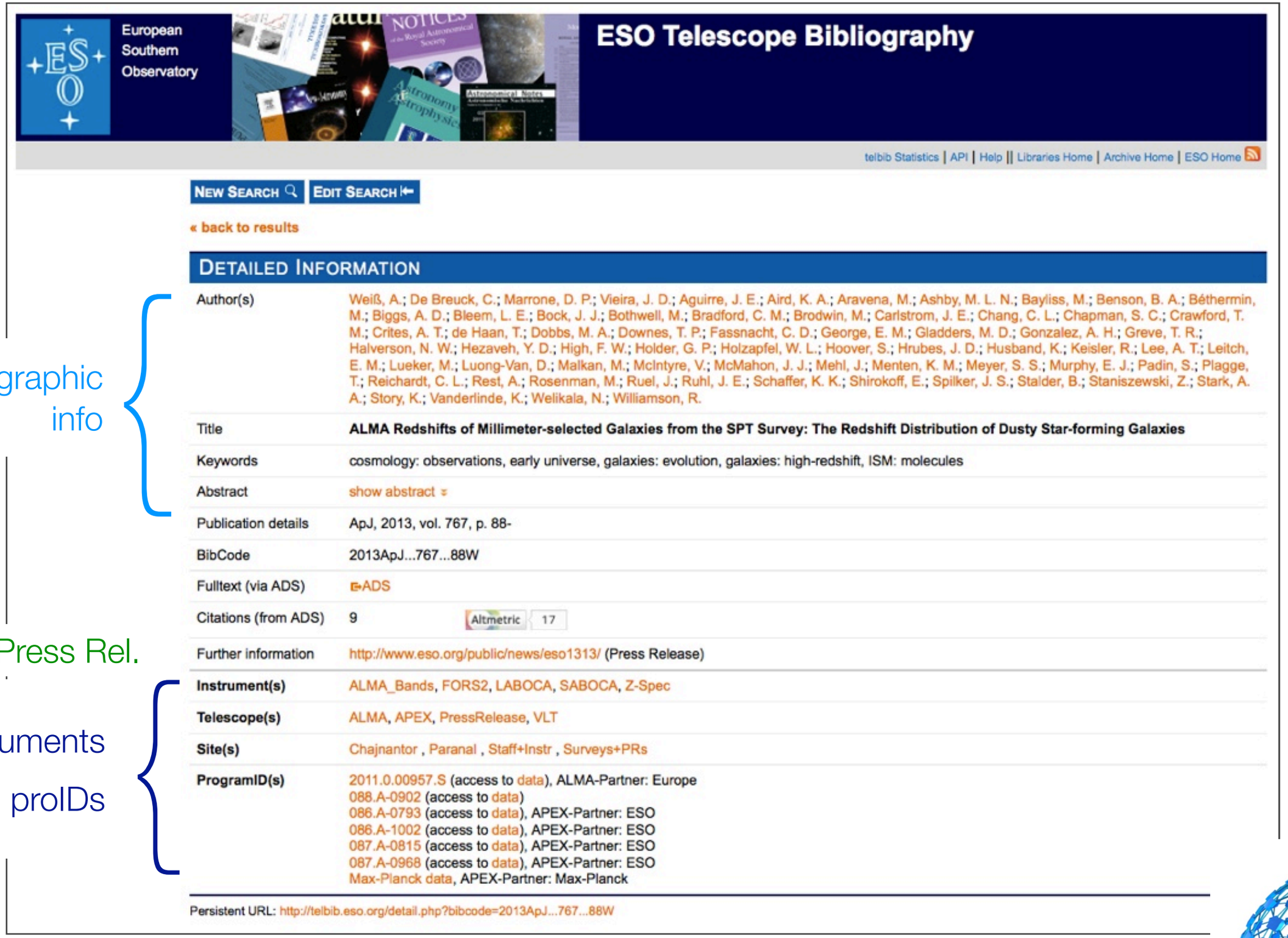

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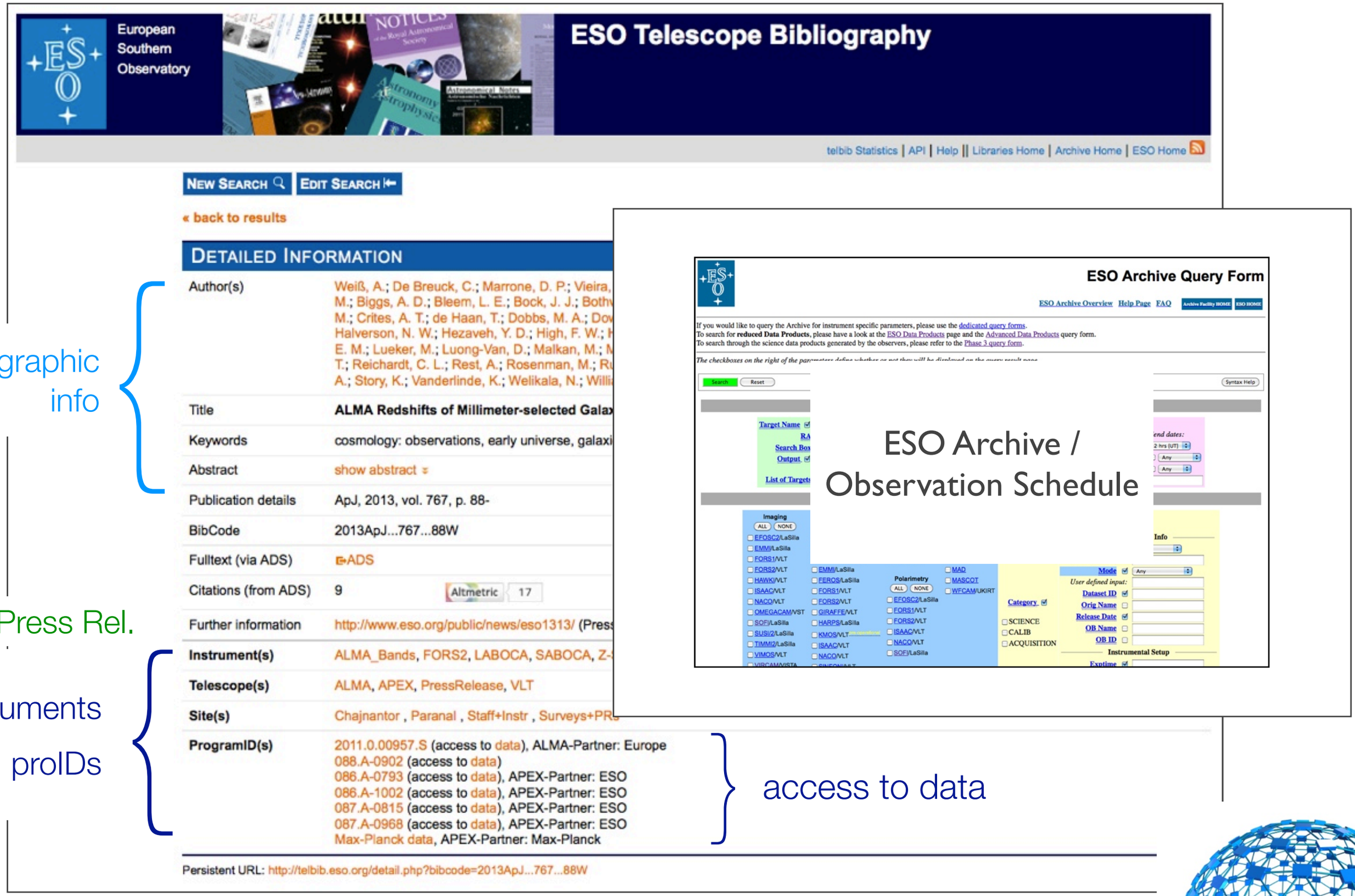

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088.A-0902(D), Service Mode, UT1-Antu

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Allocated time	24 h
Programme Type	Normal
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Observer	
Remarks	
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Abstract	Abstract of proposal
Raw Products	FileList
Publications	PublicationList [3]

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data files

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Define new query

088.A-0902(D), Service Mode, UT1-Antu

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Raw Products	FileList
Publications	PublicationList [3]

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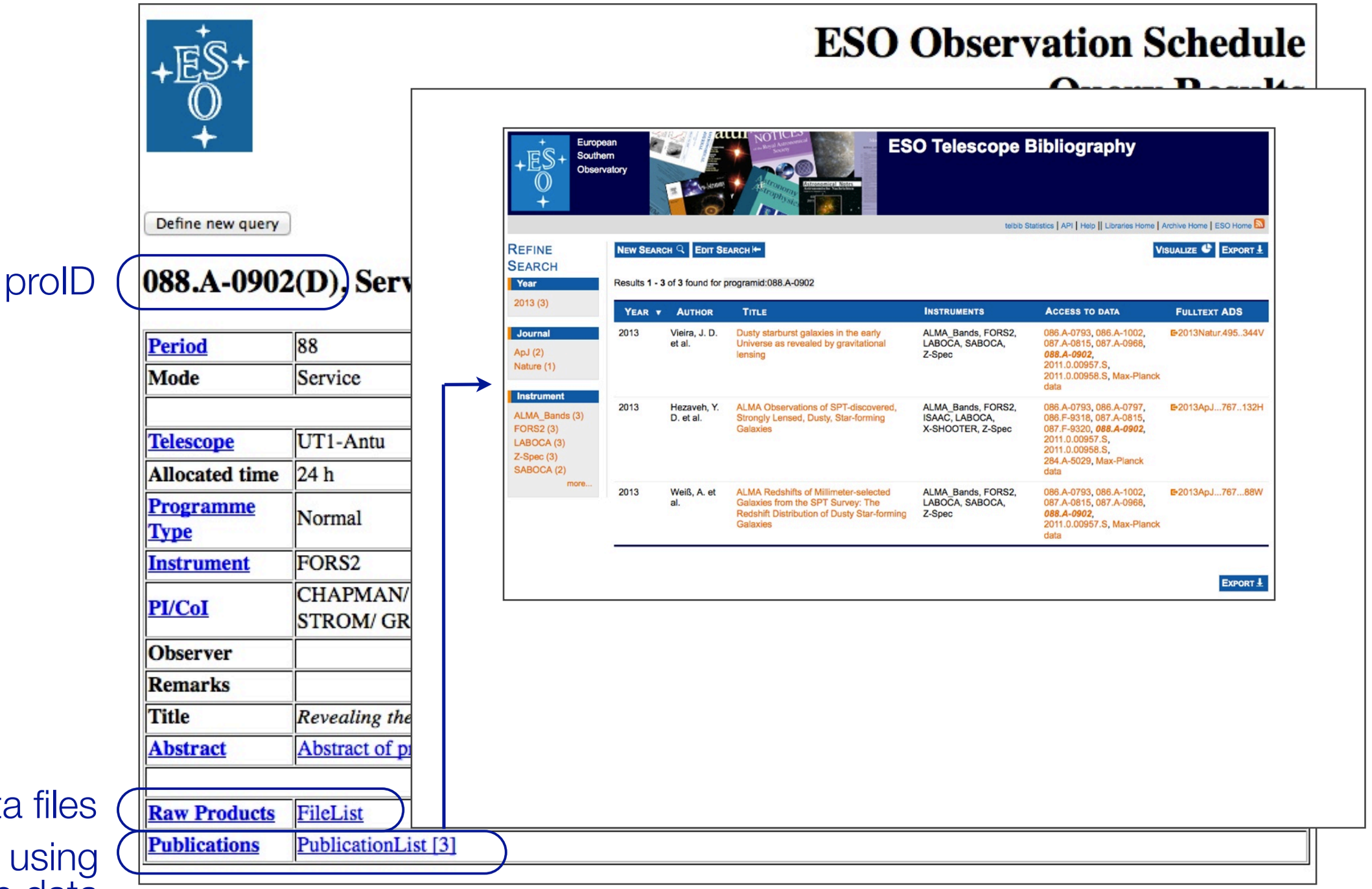
data files

all papers using the data



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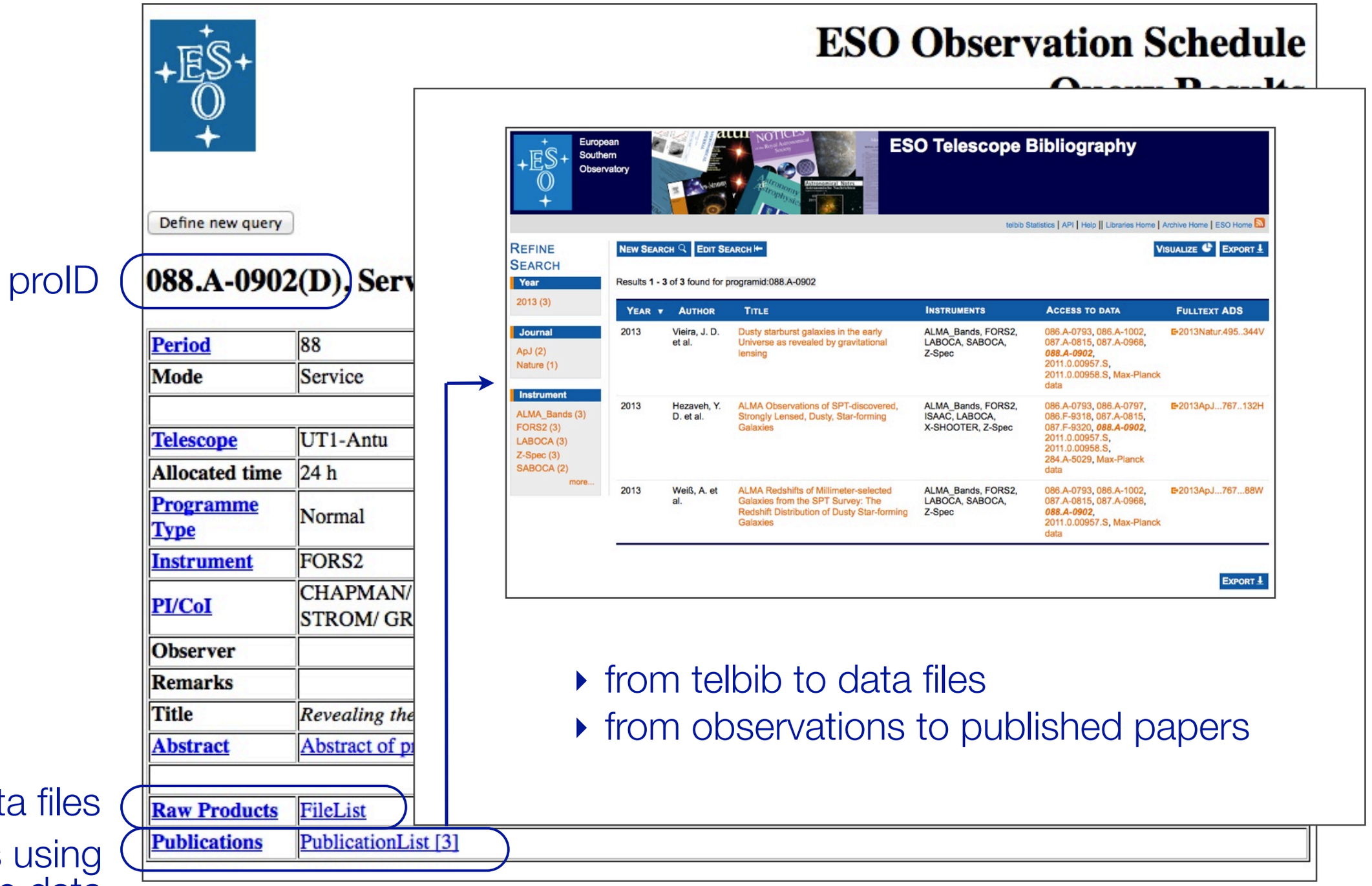

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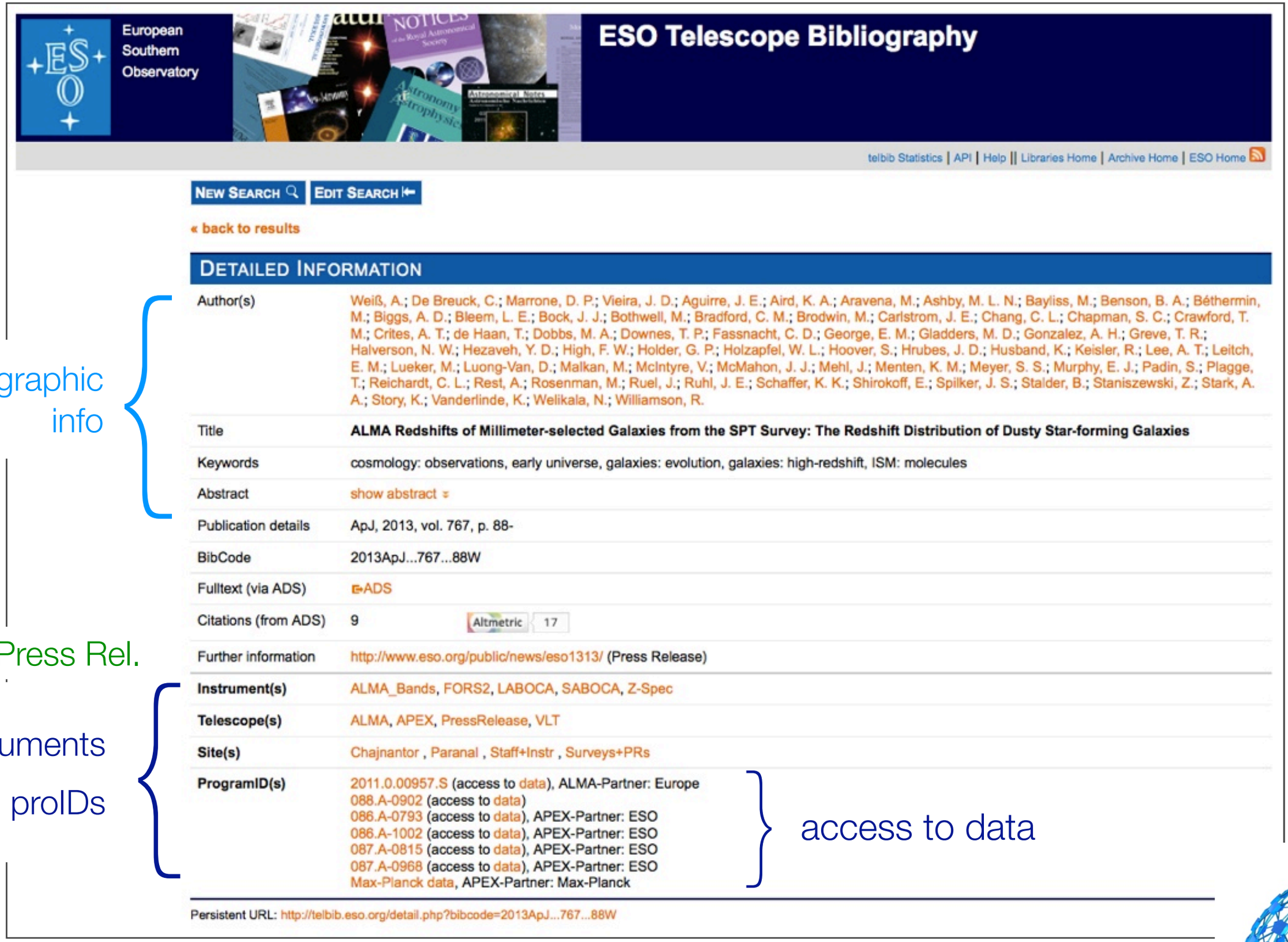

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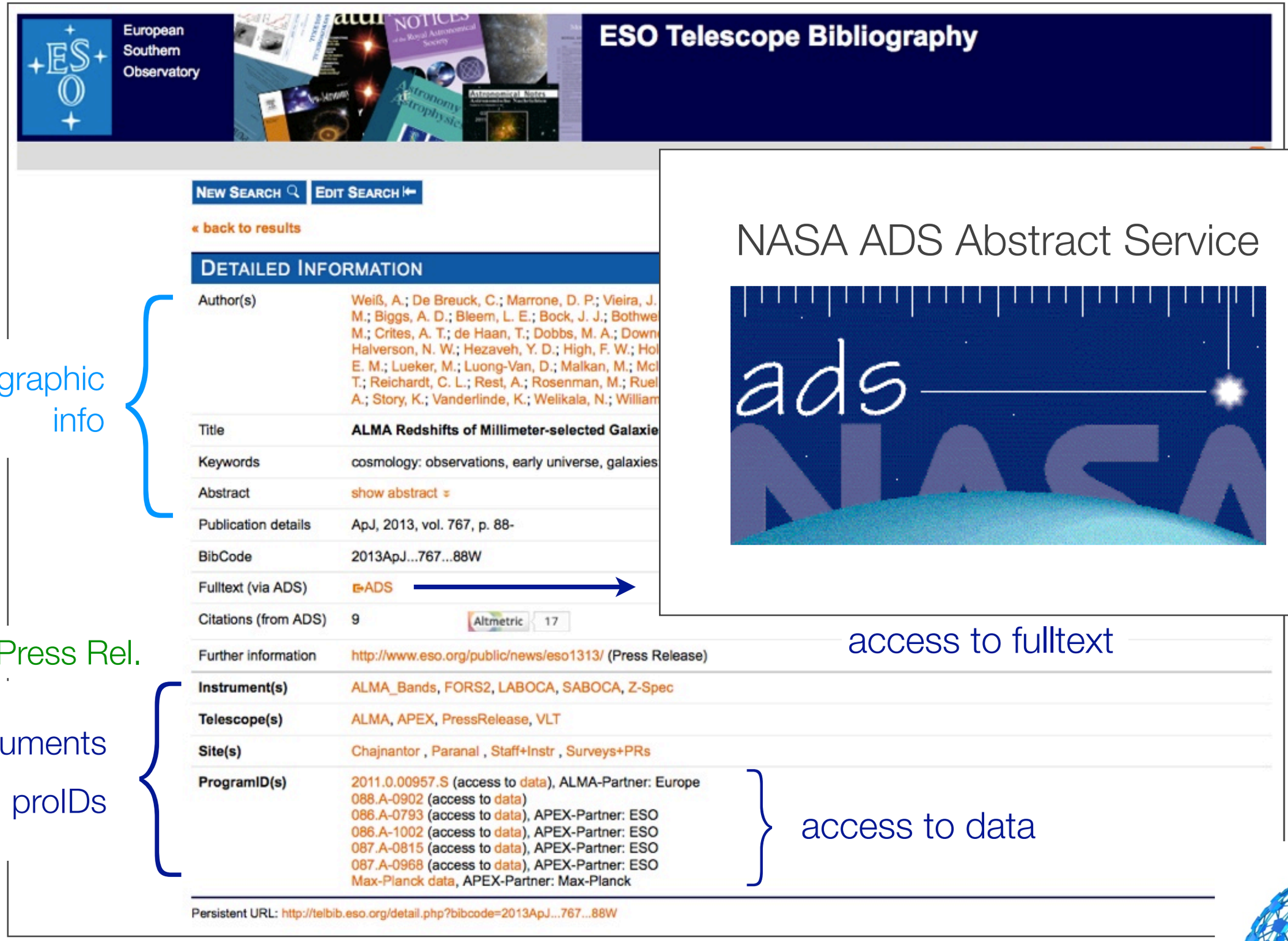

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Affiliation: AA(Max-Planck-Institut für Radioastronomie, Auf dem Hügel 69, D-53121 Bonn, Germany), AB(European Southern Observatory, Karl-Schwarzschild Straße, D-85748 Garching bei München, Germany), AC(Steward Observatory, University of Arizona, 933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

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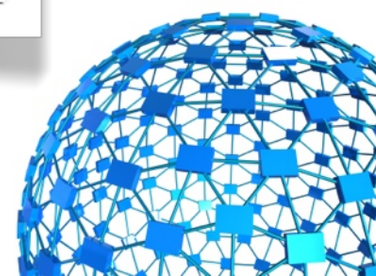

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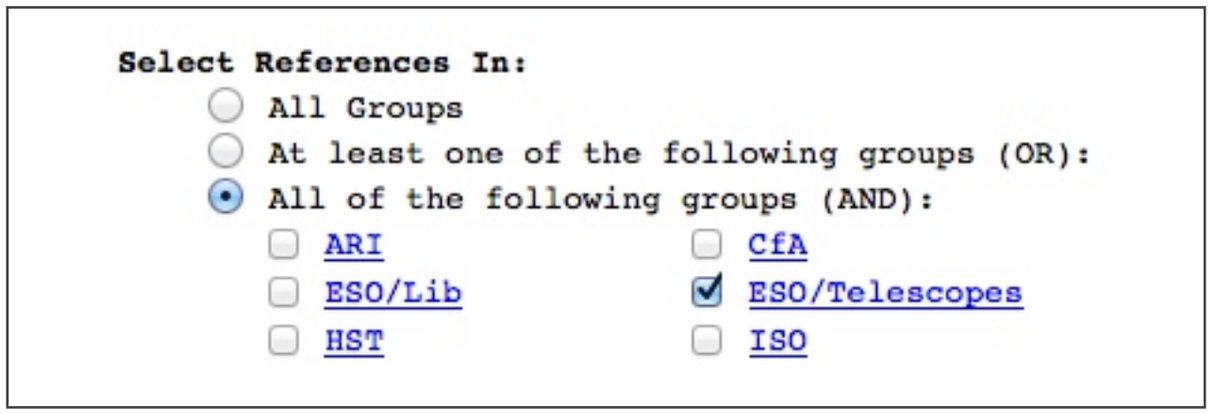

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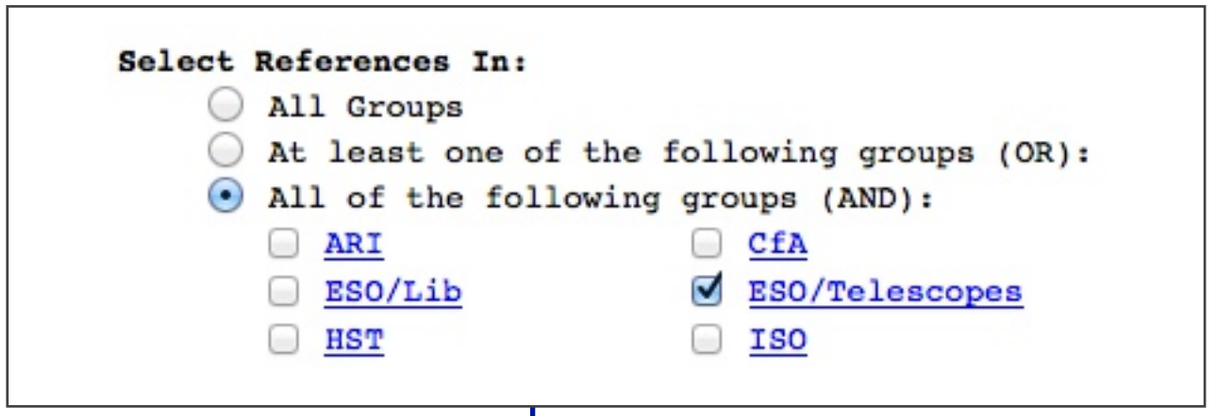

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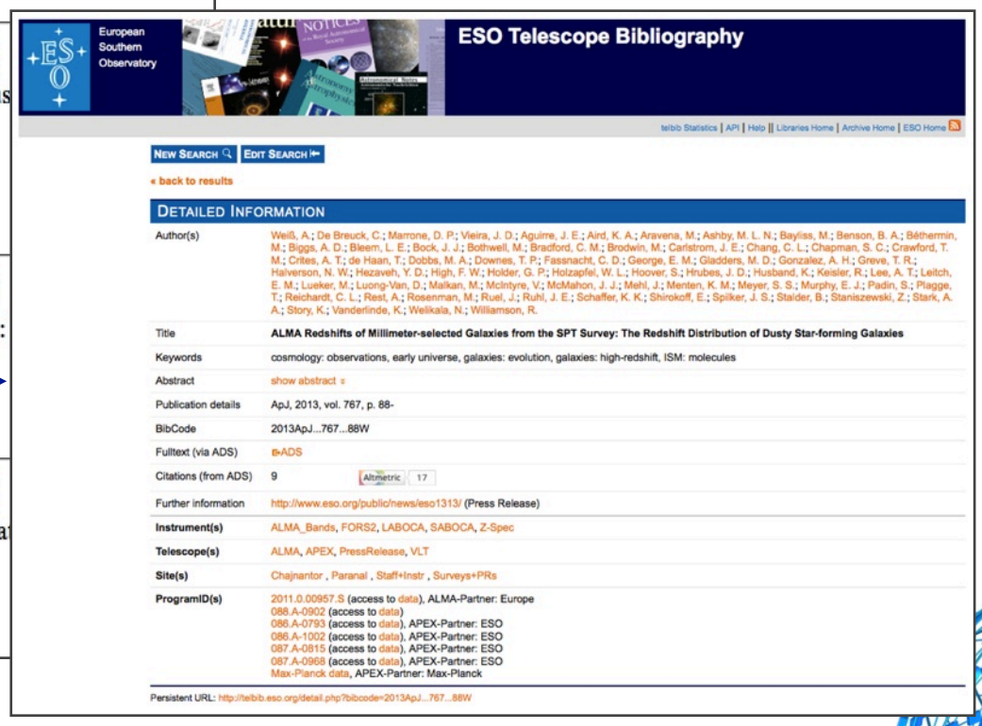

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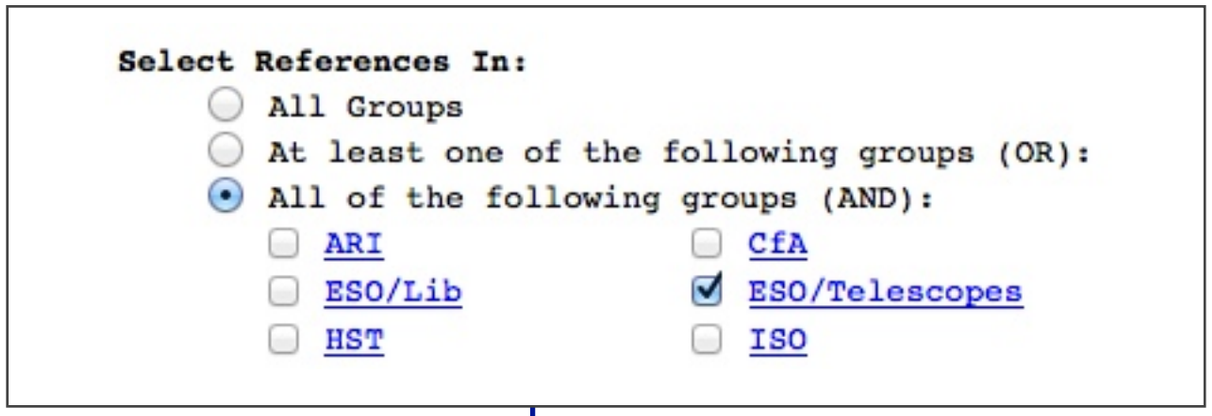

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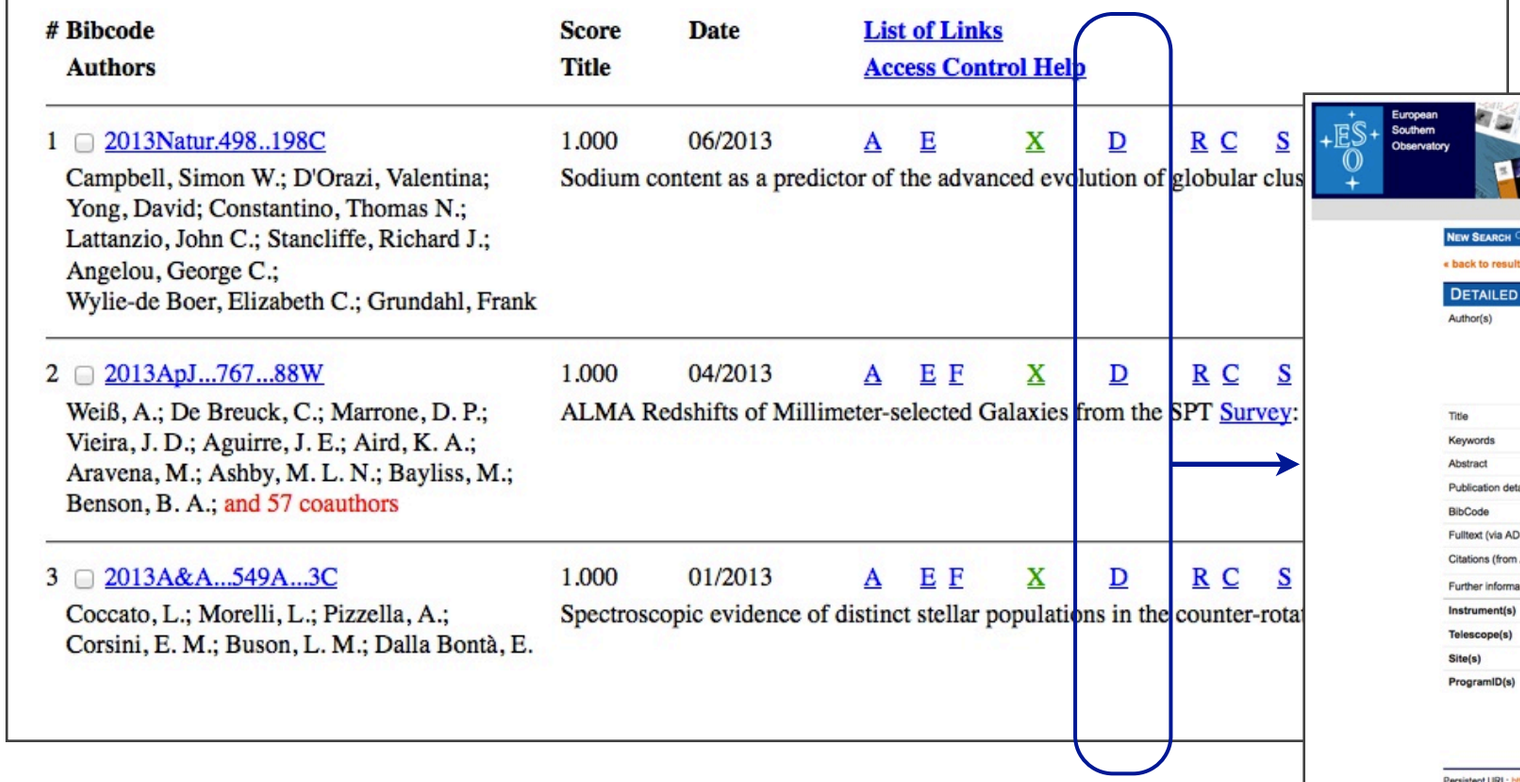

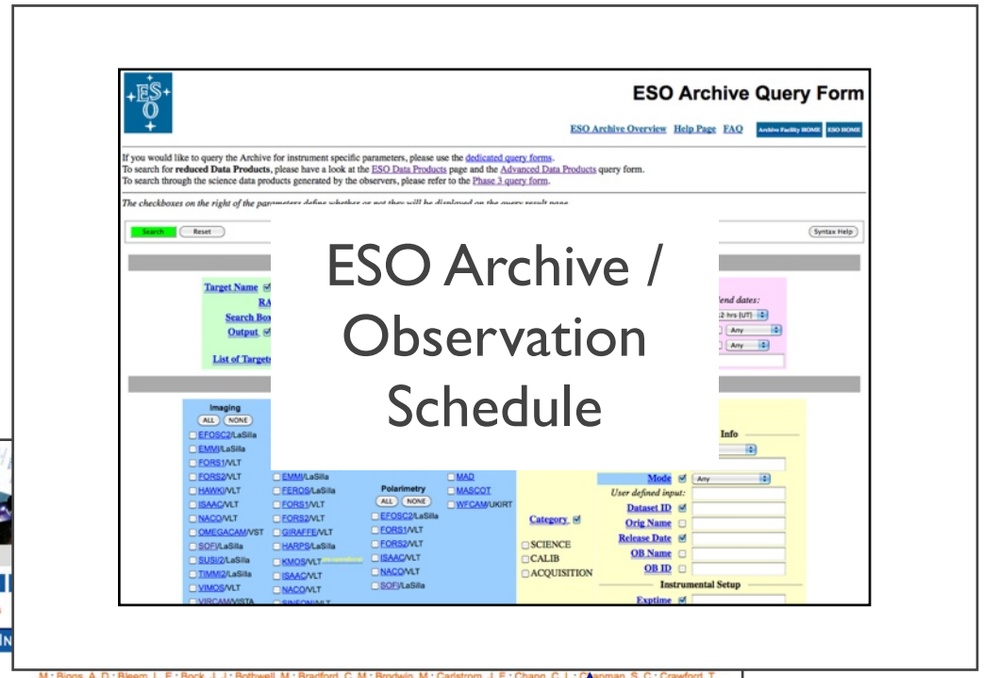

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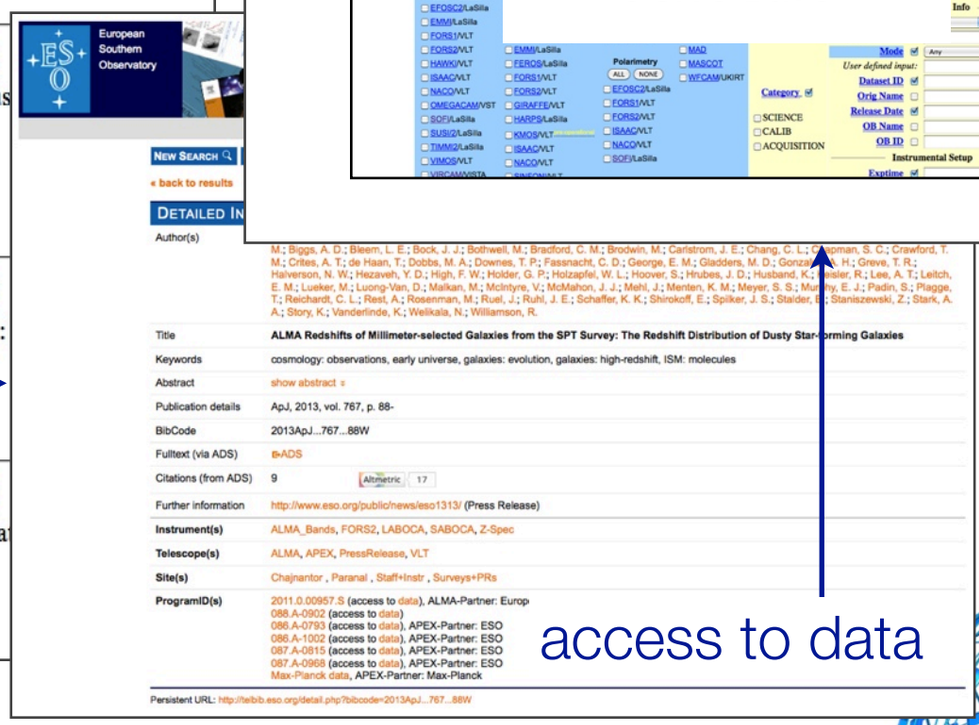

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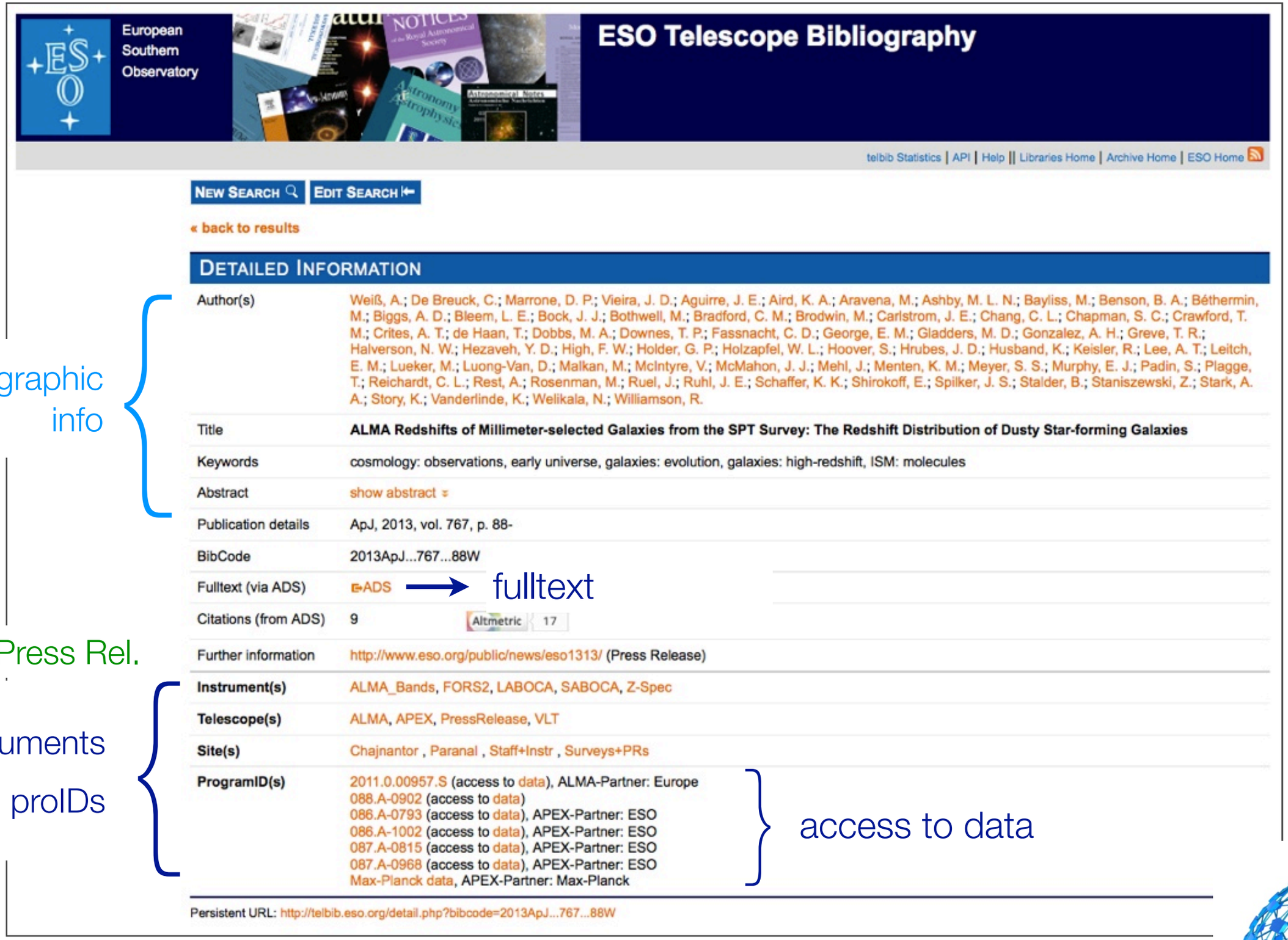

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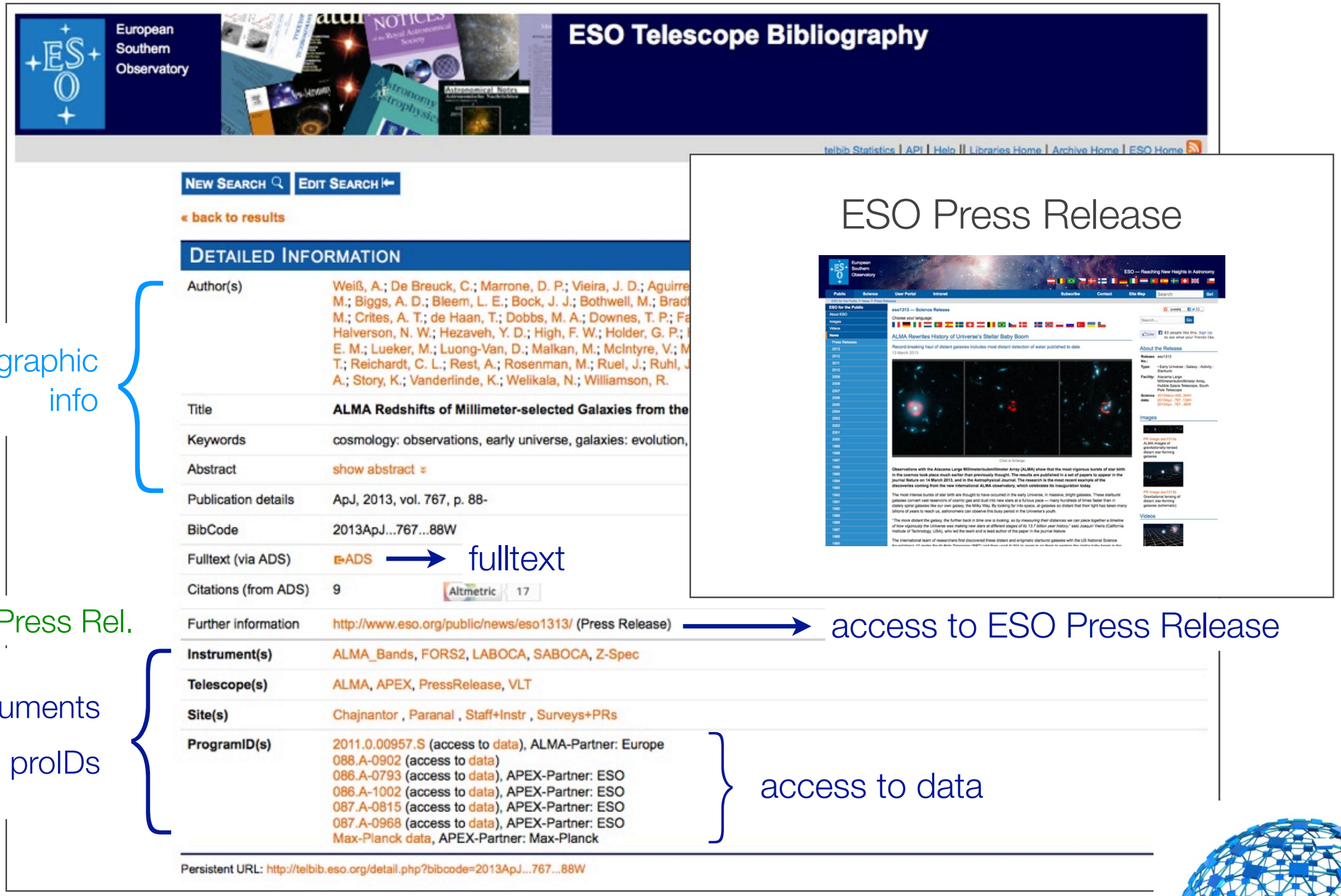

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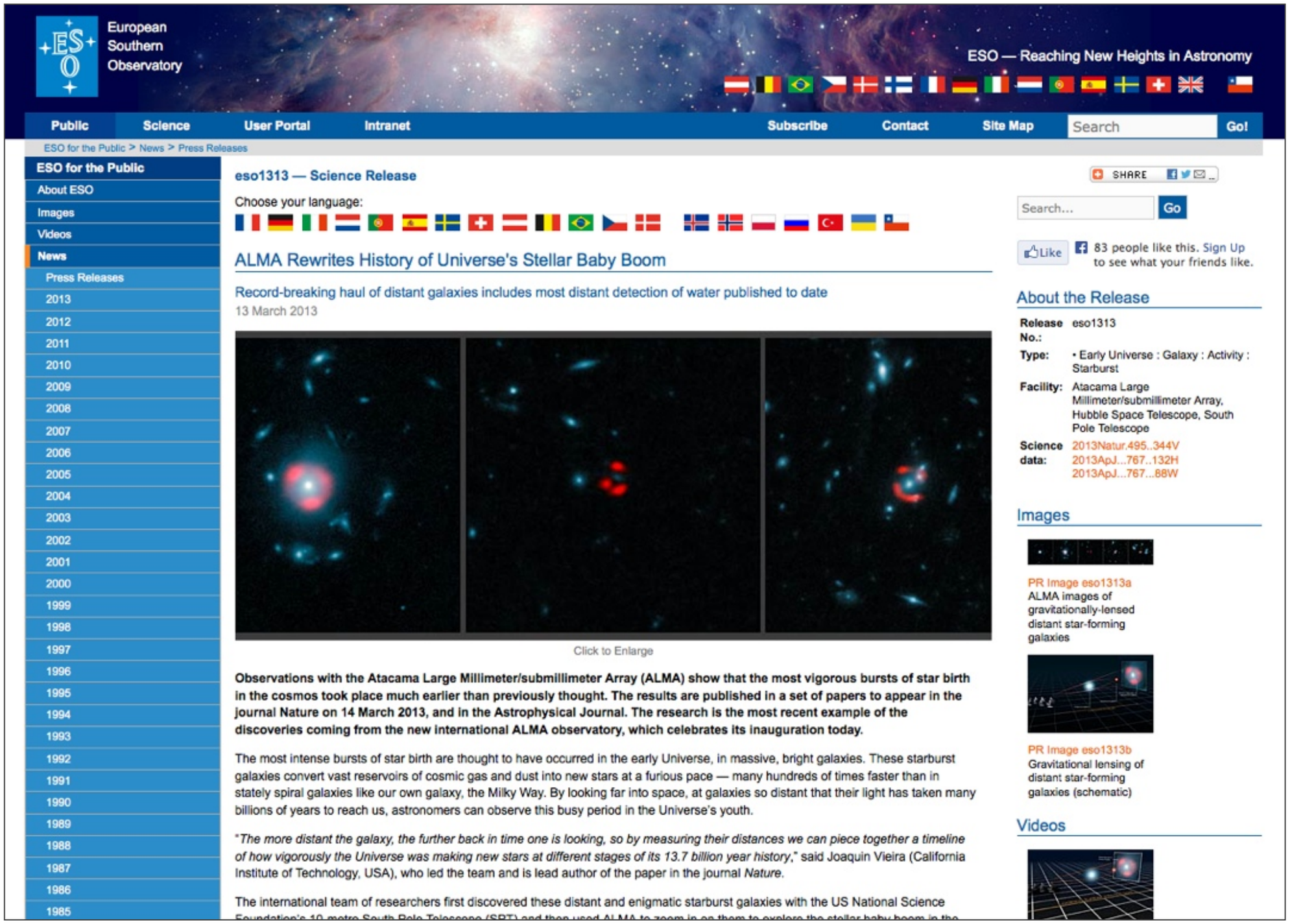

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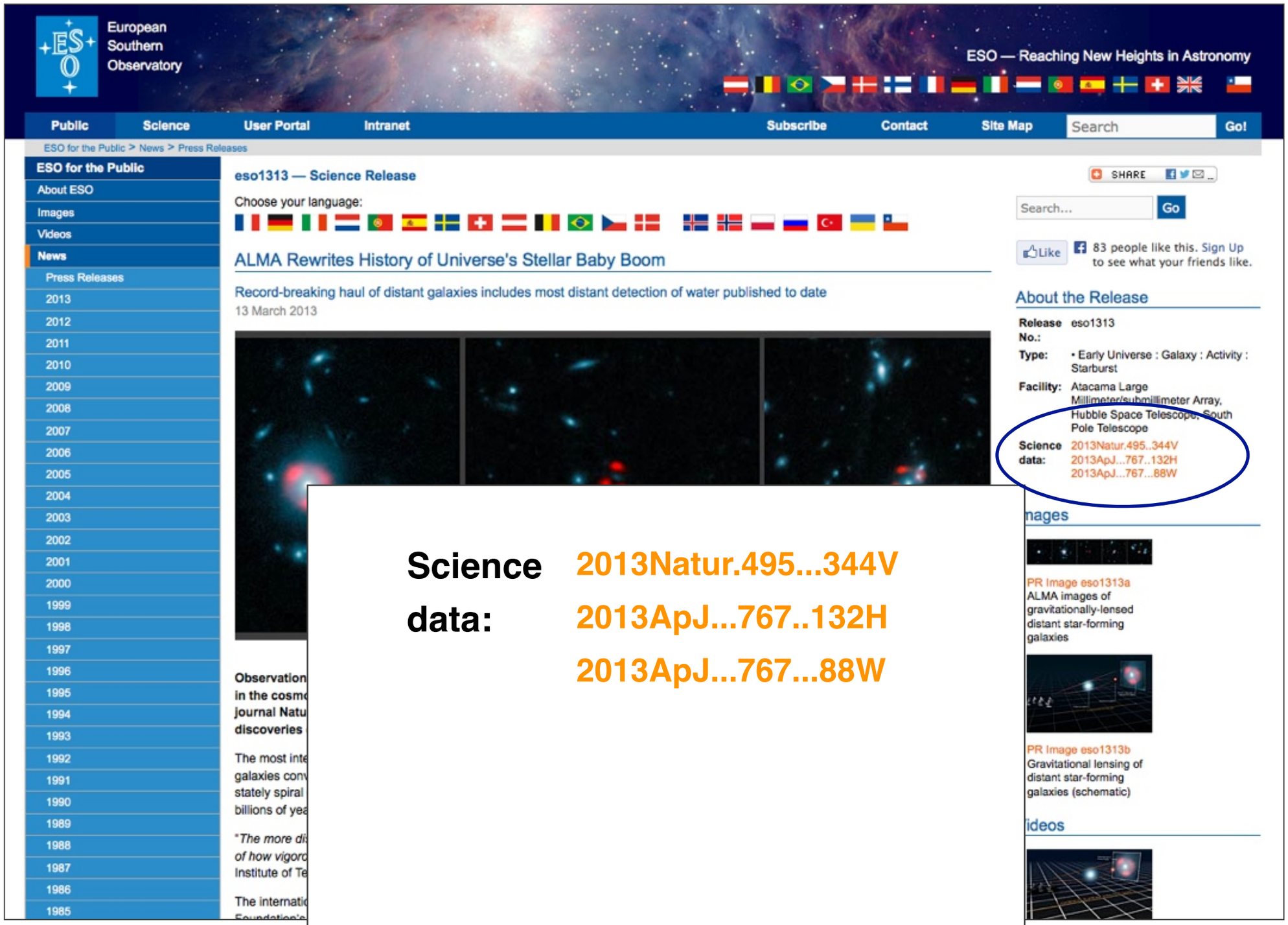

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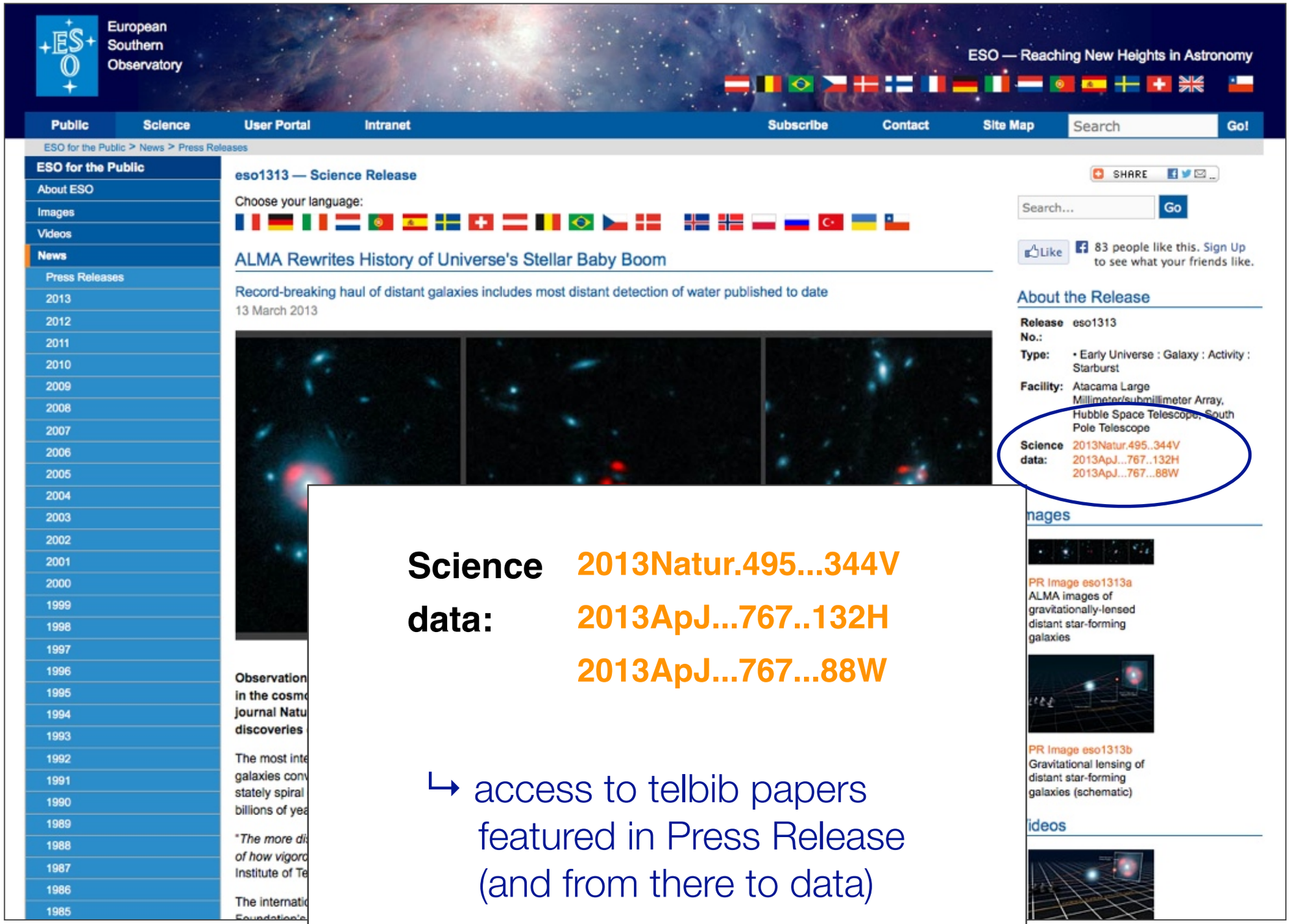

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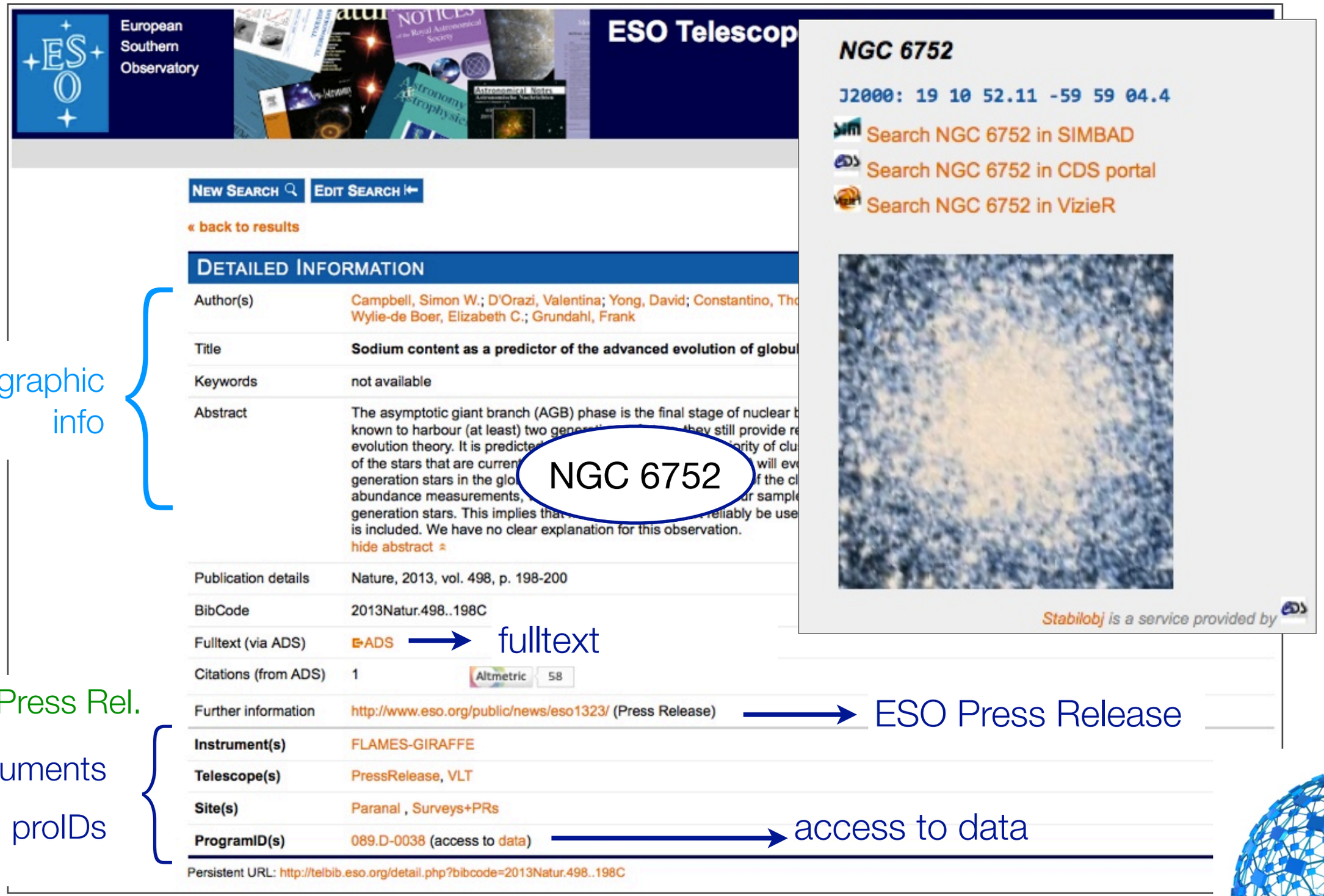

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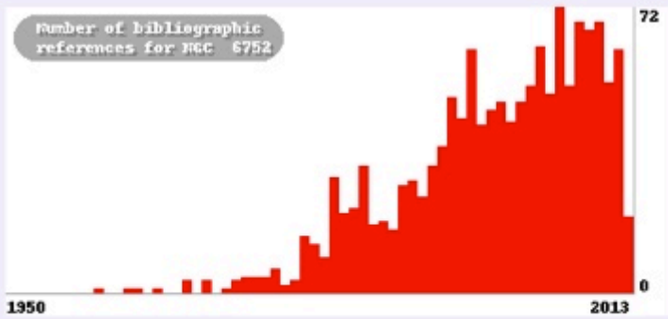

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2MASS	K	2.16	8.5' x 17.0'	1997-05-29	0.9" / pixel	FITS
2MASS	H	1.65	8.5' x 17.0'	1997-05-29	0.9" / pixel	FITS
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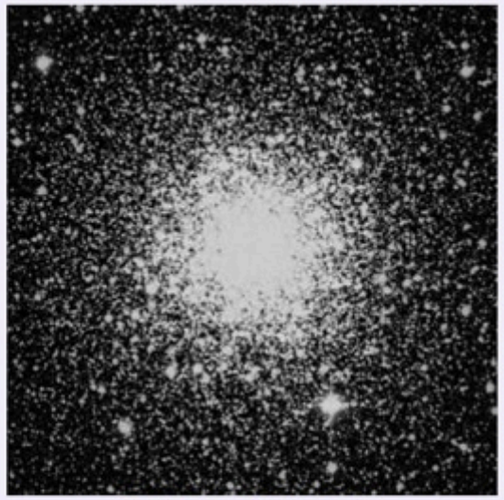

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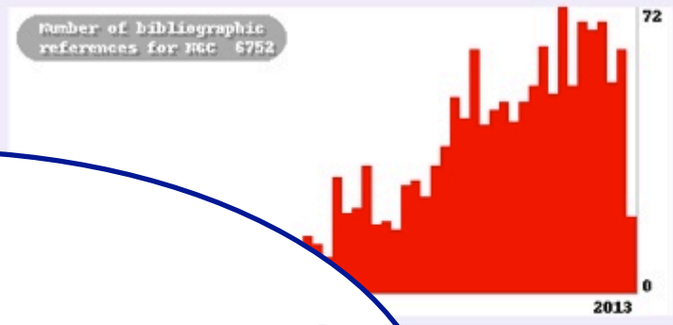

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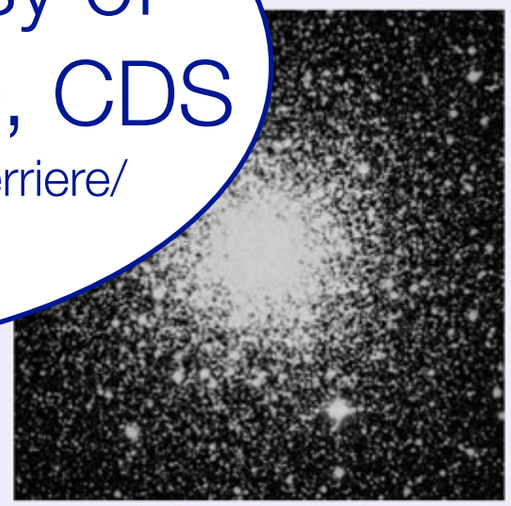

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Keywords	not available
Abstract	The asymptotic giant branch (AGB) phase is the final stage of nuclear burning for low-mass stars. Although Milky Way globular clusters are now known to harbour (at least) two ... still provide relatively homogeneous samples of stars that are used to constrain stellar evolution theory. It is predict... ...rity of cluster stars with masses around the current turn-off mass (that is, the mass of the stars that are curre... ...) will evolve through the AGB phase. Here we report that all of the second-generation stars in the gl... ...of the cluster population--fail to reach the AGB phase. Through spectroscopic abundance measurements, ...our sample has a low sodium abundance, indicating that they are exclusively first-generation stars. This implies that ... ...ot 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. hide abstract
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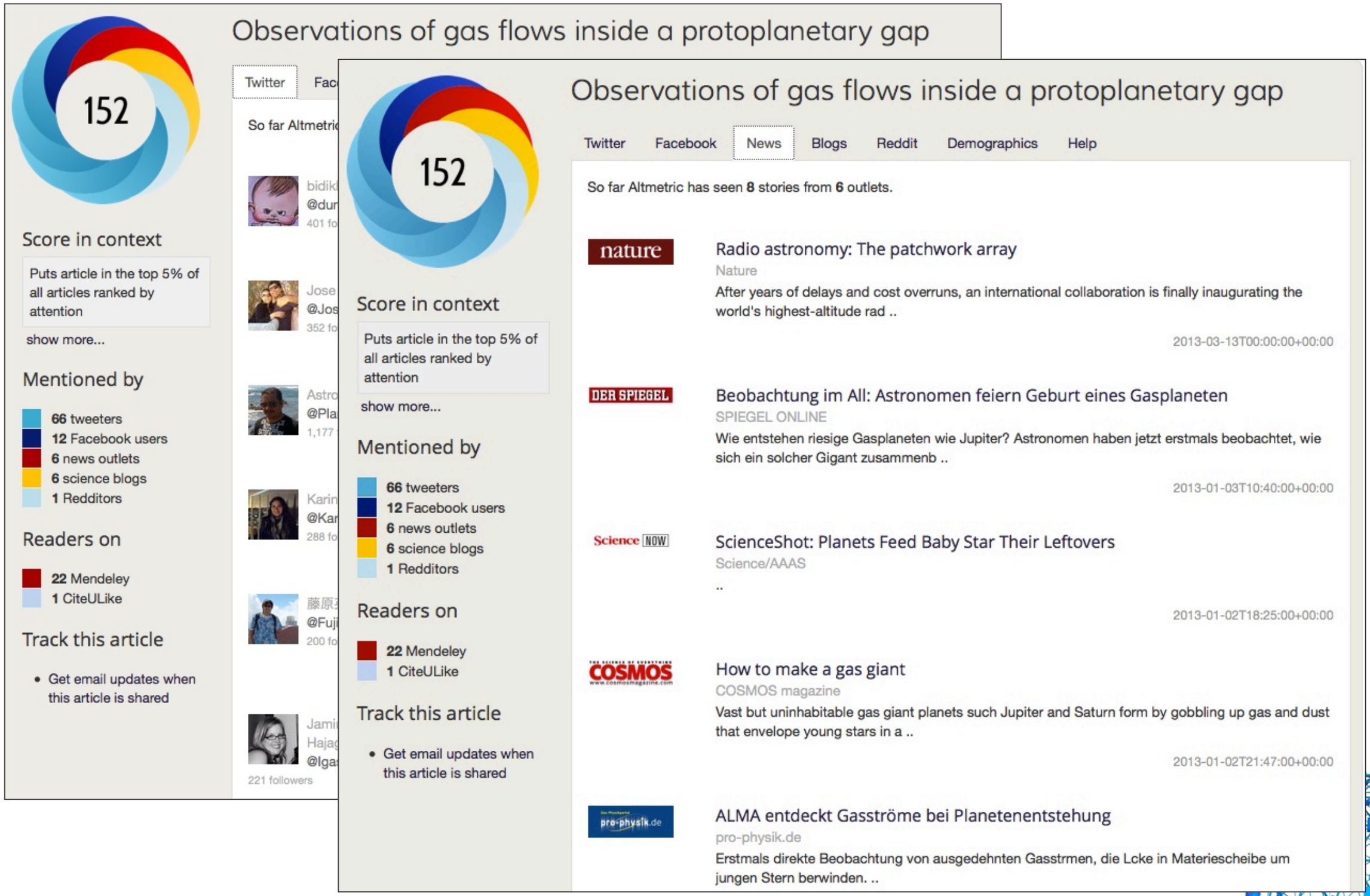
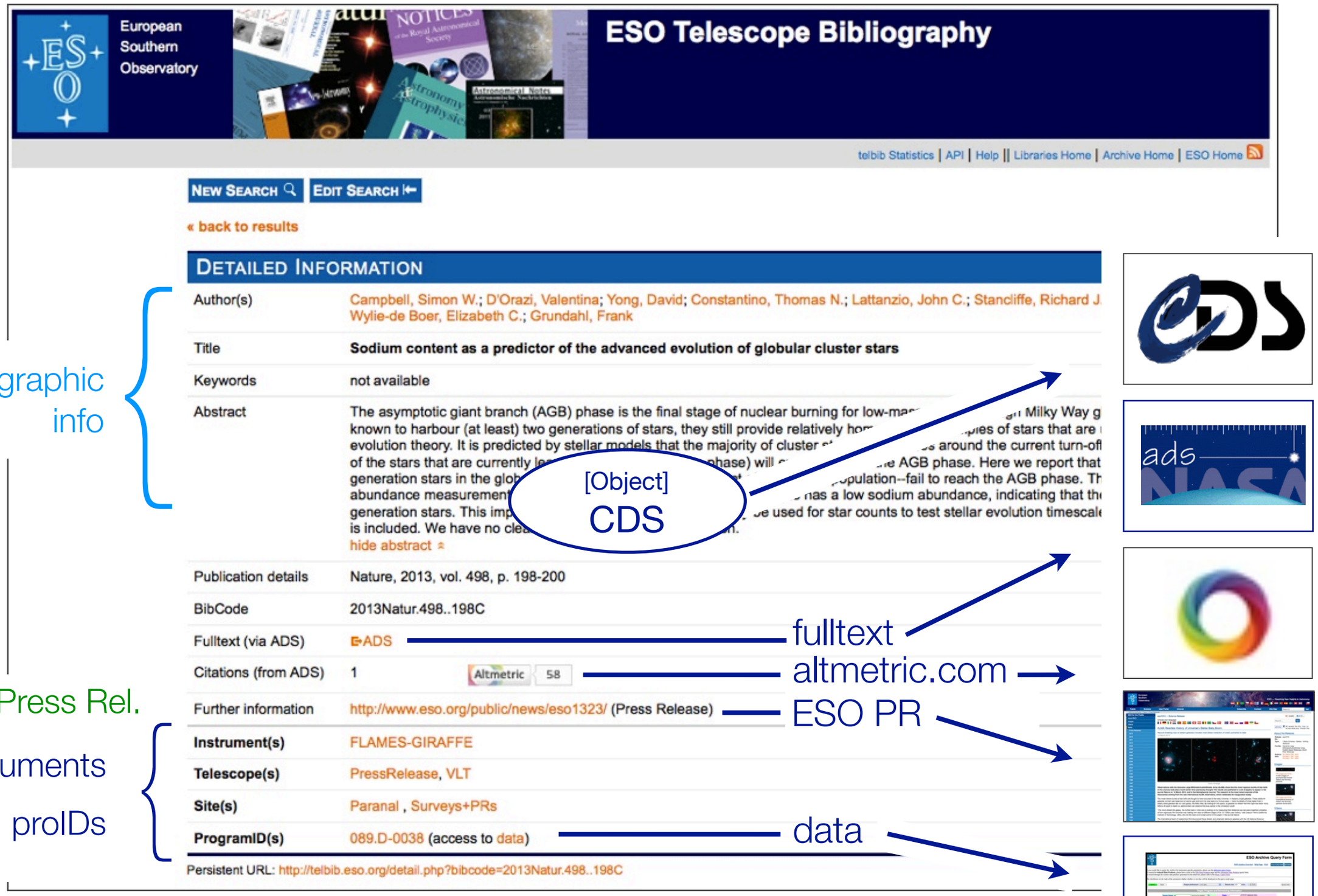


telbib frontend with links

telbib frontend with links

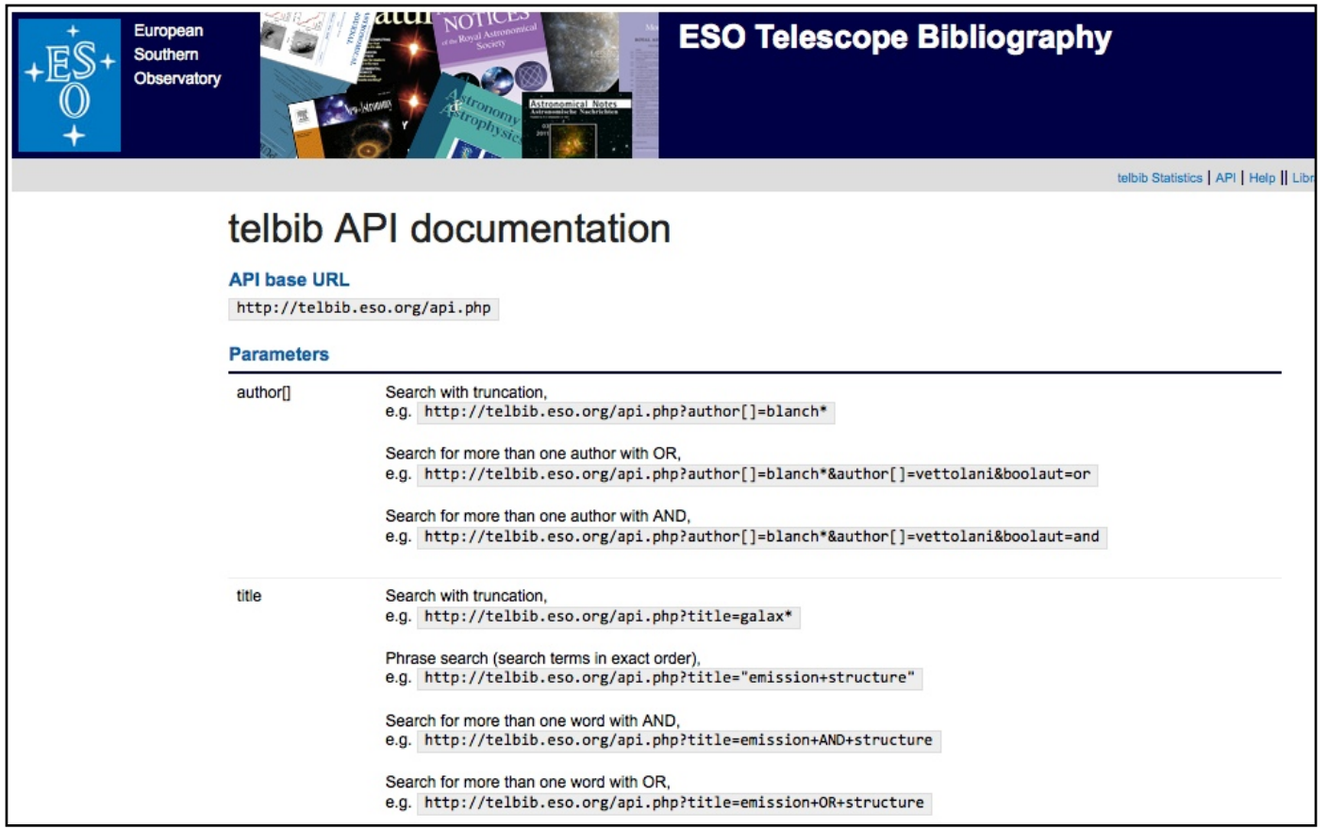


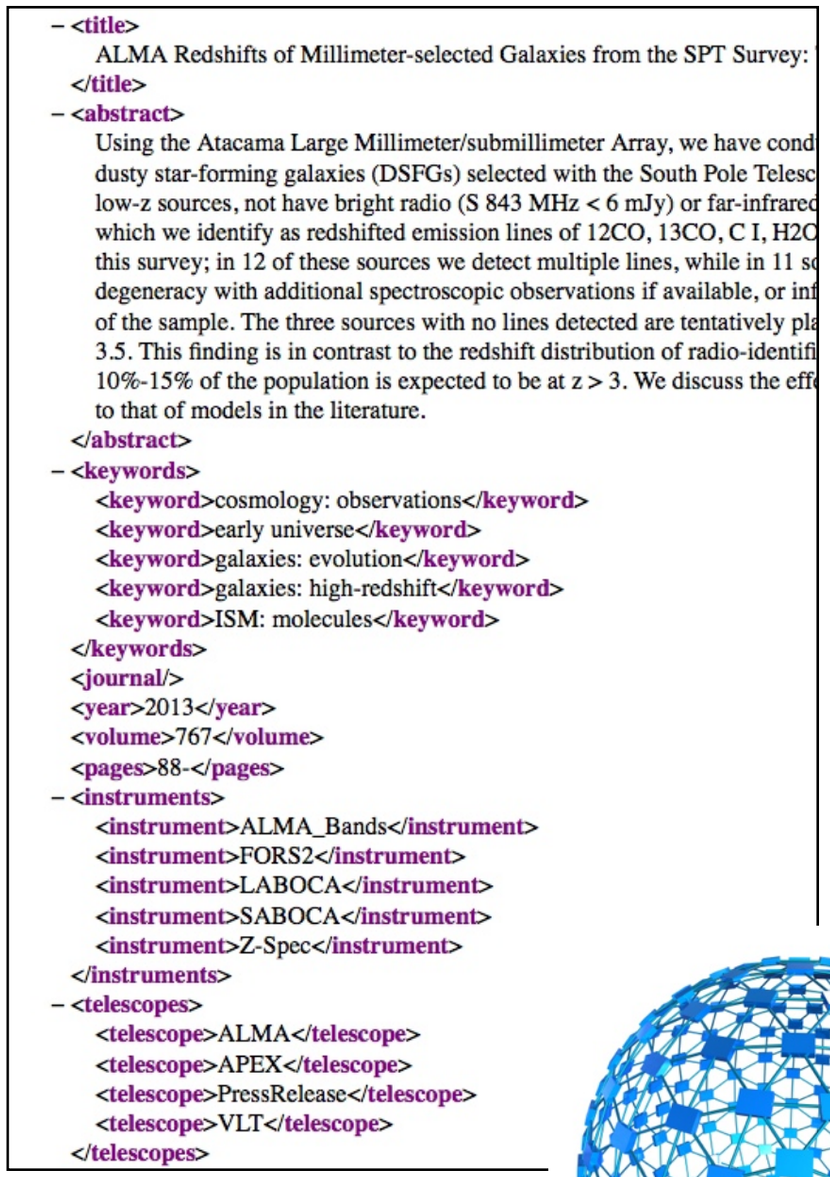
The telbib network

The telbib network

Anywhere → telbib (via API)

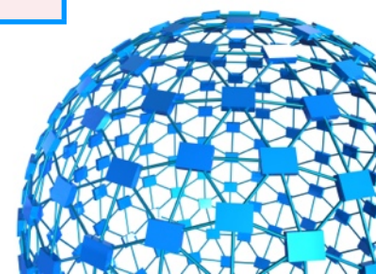
- API = Application Programming Interface
- routine to automatically query telbib and retrieve structured content
- telbib API base URL: http://telbib.eso.org/api.php (documentation: /api-docu.php)
- various parameters (author, year from/to, proID, instrument, etc.)
- Result: XML output
- Feel free to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





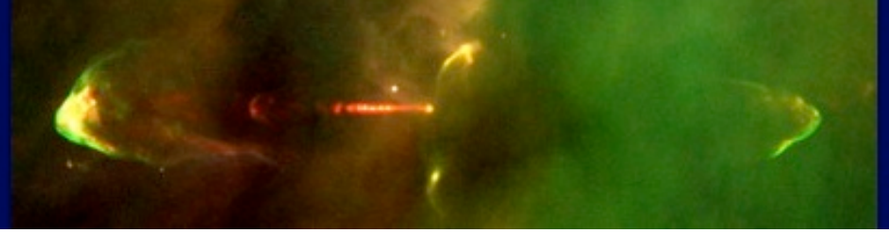
The telbib network - identifiers

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



The telbib network

The telbib network



What's next?

- Overlap with other major observatories:
  - checks for bibcodes used also by other large observatories

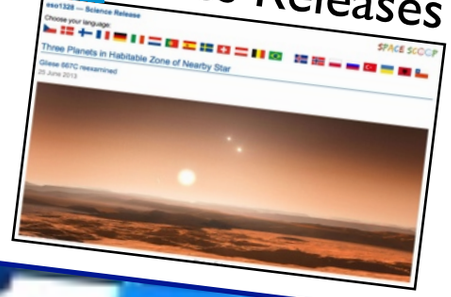
- ESO Observing Proposals Office:
  - revised system under development; integrate telbib w/ new system

- 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

Press Releases



CDS PORTAL

SIMBAD

VIZIER

Altmetric

ESO Telescope Bibliography

ESO telbib

API

ADS Abstract Service

ads

NASA

ESO Archive Query Form

ESO Archive

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What's next?

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What's next?