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2. [Search for tidal dwarf galaxy candidates in a sample of ultraluminous infrared galaxies](#)  
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[P. O. Petrucci](#), [G. Ponti](#), [G. Matt](#), [A. L. Longinotti](#), [J. Malzac](#), [M. Mouchet](#), [C. Boisson](#), [L. Maraschi](#), [K. Nandra](#), [P. Ferrando](#)  
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- [ESA: Venus Express](#)

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[Full text PDF \(586 KB\)](#)

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- [ESA: Hinode](#)

**HS 1857+5144: a hot and young pre-cataclysmic variable**

[A. Aungwerojwit](#), [B. T. Gänsicke](#), [P. Rodríguez-Gil](#), [H.-J. Hagen](#), [O. Giannakis](#), [C. Papadimitriou](#), [C. Allende Prieto](#), [D. Engels](#)

Astronomy and Astrophysics 469 1 (2007) 297-305

DOI: 10.1051/0004-6361:20077276

- OT: Optical Groud Station telescope (ESA); IAC80
- ORM: WHT
- CAHA

**Thermal diagnostic of the optical window on board *LISA Pathfinder***

[M Nofrarias](#), [A F García Marín](#), [A Lobo](#), [G Heinzl](#), [J Ramos-Castro](#), [J Sanjuán](#) and [K Danzmann](#)

*Class. Quantum Grav.* **24** No 20 (21 October 2007) 5103-5121

[Full text PDF \(691 KB\)](#)

- ESA: *LISA Pathfinder* (LPF)

[Comparison of nighttime nitric oxide 5.3  \$\mu\$ m emissions in the thermosphere measured by MIPAS and SABER](#)

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- ESA : MIPAS; SABER

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**Stellar population gradients in bulges along the Hubble sequence - I. The data**

[J. Gorgas](#), [P. Jablonka](#), [P. Goudfrooij](#)

Astronomy and Astrophysics 474 3 (2007) 1081-1092

DOI: 10.1051/0004-6361:20066690

- ORM: INT

**Stellar population gradients in bulges along the Hubble sequence - II. Relations with galaxy properties**

[P. Jablonka](#), [J. Gorgas](#), [P. Goudfrooij](#)

Astronomy and Astrophysics 474 3 (2007) 763-776

DOI: 10.1051/0004-6361:20066691

- ORM: INT
- La Silla: NTT y 3.6-m ESO telescope

**Eclipse of the B3V companion and flaring of emission lines in V838 Monocerotis**

[U. Munari et al.](#)

Astronomy and Astrophysics 474 2 (2007) 585-590

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- ORM: INT; WHT; NOT

**A comprehensive study of Cepheid variables in the Andromeda galaxy - Period distribution, blending, and distance determination**

[F. Vilardell](#), [C. Jordi](#), [I. Ribas](#)

Astronomy and Astrophysics 473 3 (2007) 847-855

DOI: 10.1051/0004-6361:20077960

- ORM: INT

**Pre-main-sequence stars in the young open cluster NGC 1893 - II. Evidence for triggered massive star formation**

[I. Negueruela](#), [A. Marco](#), [G. L. Israel](#), [G. Bernabeu](#)

Astronomy and Astrophysics 471 2 (2007) 485-497

DOI: 10.1051/0004-6361:20066654

- ORM: INT; NOT

***uvby* – H CCD photometry and membership segregation of the open cluster NGC 2682 (M 67)**

[L. Balaguer-Núñez](#), [D. Galadí-Enríquez](#), [C. Jordi](#)

Astronomy and Astrophysics 470 2 (2007) 585-596

DOI: 10.1051/0004-6361:20067003

- ORM: INT and JKT telescopes
- CAHA: 1.23 m telescope

**The substellar mass function in  $\sigma$  Orionis - II. Optical, near-infrared and IRAC/*Spitzer* photometry of young cluster brown dwarfs and planetary-mass objects**

[J. A. Caballero et al.](#)

Astronomy and Astrophysics 470 3 (2007) 903-918

DOI: 10.1051/0004-6361:20066993

- ORM: INT
- CAHA:
- OT: TCS
- ESO: Paranal

**The dynamical status of the galaxy cluster Abell 115**

[R. Barrena](#), [W. Boschin](#), [M. Girardi](#), [M. Spolaor](#)

Astronomy and Astrophysics 469 3 (2007) 861-872

DOI: 10.1051/0004-6361:20077407

- ORM: INT, TNG

**Fourier method of determining the rotational velocities in OB stars**

[S. Simón-Díaz](#), [A. Herrero](#)

Astronomy and Astrophysics 468 3 (2007) 1063-1073

DOI: 10.1051/0004-6361:20066060

- ORM: INT; WHT

**Internal dynamics of the radio halo cluster Abell 773: a multiwavelength analysis**

[R. Barrena](#), [W. Boschin](#), [M. Girardi](#), [M. Spolaor](#)

Astronomy and Astrophysics 467 1 (2007) 37-48

DOI: 10.1051/0004-6361:20066511

- ORM: INT; TNG

**Keck spectroscopy of  $z = 1-3$  ULIRGs from the Spitzer SWIRE survey**

[S. Berta et al.](#)

Astronomy and Astrophysics 467 2 (2007) 565-584

DOI: 10.1051/0004-6361:20066795

- ORM: INT

**The Be/X-ray transient 4U 0115+63/V635 Cassiopeiae - III. Quasi-cyclic variability**

[P. Reig](#), [V. Larionov](#), [I. Negueruela](#), [A. A. Arkharov](#), [N. A. Kudryavtseva](#)

Astronomy and Astrophysics 462 3 (2007) 1081-1089

DOI: 10.1051/0004-6361:20066217

- ORM: INT; WHT; NOT
- CAHA: 3.5m

**SN 2003du: 480 days in the life of a normal type Ia supernova**

[V. Stanishev et al.](#)

Astronomy and Astrophysics 469 2 (2007) 645-661

DOI: 10.1051/0004-6361:20066020

- ORM: INT; WHT; NOT; TNG
- CAHA: 2.2m and 3.5m telescopes

**Newly discovered cataclysmic variables from the INT/WFC photometric H $\alpha$  survey of the northern Galactic plane**

A. R. Witham et al.

Monthly Notices of the Royal Astronomical Society

Volume 382, Issue 3, Date: December 2007, Pages: 1158-1168

- ORM: INT; WHT; NOT
- CAHA: 2.2m

**Efficient identification of exoplanetary transit candidates from SuperWASP light curves**

A. Collier Cameron et al.

Monthly Notices of the Royal Astronomical Society

Volume 380, Issue 3, Date: September 2007, Pages: 1230-1244

- [ORM: INT](#)

**Towards an understanding of the Of?p star HD 191612: optical spectroscopy**

Ian D. Howarth et al.

Monthly Notices of the Royal Astronomical Society

Volume 381, Issue 2, Date: October 2007, Pages: 433-446

- [ORM: INT; WHT](#)

**The Monitor project: JW 380 – a 0.26-, 0.15-M $\square$ , pre-main-sequence eclipsing binary in the Orion nebula cluster**

Jonathan Irwin et al.

Monthly Notices of the Royal Astronomical Society

Volume 380, Issue 2, Date: September 2007, Pages: 541-550

- [ORM: INT](#)
- [ESO: ESO programme 078.C-0841.](#)

**The enigma of the oldest 'nova': the central star and nebula of CK Vul**

M. Hajduk et al.

Monthly Notices of the Royal Astronomical Society

Volume 378, Issue 4, Date: July 2007, Pages: 1298-1308

- [ORM: INT](#)

**The Infrared Ca II Triplet as Metallicity Indicator**

[R. Carrera](#), [C. Gallart](#), [E. Pancino](#), and [R. Zinn](#)

*The Astronomical Journal* **134** No 3 (2007 September) 1298-1314

- [ORM: INT; WHT](#)
- [CAHA: 2.2m telescope](#)
- [ESO: Paranal-VLT \(ESO program 074.B-0446\( B\)\).](#)

**Stellar Content and Recent Star Formation History of the Local Group Dwarf Irregular Galaxy IC 1613**

[Edouard J. Bernard](#), [Antonio Aparicio](#), [Carme Gallart](#), [Carmen P. Padilla-Torres](#), and [Maurizio Panniello](#)

*The Astronomical Journal* **134** No 3 (2007 September) 1124-1132

- [ORM: INT](#)

**Recent Star Formation in Clusters of Galaxies: Extremely Compact Starbursts in A539 and A634**

[D. Reverte](#), [J. M. Vílchez](#), [J. D. Hernández-Fernández](#), and [J. Iglesias-Páramo](#)

*The Astronomical Journal* **133** No 2 (2007 February) 705-714

[Full text PDF \(622 KB\)](#)

- ORM: INT; NOT

**The Cosmic Horseshoe: Discovery of an Einstein Ring around a Giant Luminous Red Galaxy**

V. Belokurov et al.

[The Astrophysical Journal Letters](#). Volume 671, Issue 1, Page L9–L12, Dec 2007

- ORM: INT

**Optical flares from the faint mid-dM star 2MASS J00453912+4140395**

Zs. Kővári, F. Vilardell, I. Ribas, K. Vida, L. van Driel-Gesztelyi, C. Jordi, K. Oláh  
*Astronomische Nachrichten*, Volume 328, Issue 9, Date: November 2007,

Pages: 904-908

- ORM: INT

[UV to IR SEDs of UV-selected galaxies in the ELAIS fields: Evolution of dust attenuation and star formation activity from  \$z=0.7\$  to  \$0.2\$](#)

Iglesias-Paramo, J; Buat, V; Hernandez-Fernandez, J, et al.

ASTROPHYSICAL JOURNAL Volume: 670 Pages: 279-294 Published: 2007

- ORM: INT

[A Contribution to the Selection of Emission-Line Galaxies Using Narrowband Filters in the Optical Airglow Windows](#)

S. Pascual, 2007

2007PASP..119...30P

- ORM: INT
- CAHA: 2.2m (CAFOS)

[The young, wide and very low mass visual binary Lambda Orionis 167](#)

D. Barrado y Navascués, et al. 2007

2007A&A...468L...5B

- ORM: WHT
- CAHA: 3.5m

### **The dark nature of GRB 051022 and its host galaxy**

[A. J. Castro-Tirado et al.](#)

Astronomy and Astrophysics 475 1 (2007) 101-107

- ORM: WHT; TNG
- OT: Carlos Sanchez
- CAHA: 3.5 m Telescope
- IRAM: Interferometer

### **Search for tidal dwarf galaxy candidates in a sample of ultraluminous infrared galaxies**

[A. Monreal-Ibero](#), [L. Colina](#), [S. Arribas](#), [M. García-Marín](#)

Astronomy and Astrophysics 472 2 (2007) 421-433

DOI: 10.1051/0004-6361:20066760

- ORM: WHT

### **The truncation of the stellar disc of NGC 6504**

[E. Florido](#), [E. Battaner](#), [A. Zurita](#), [A. Guijarro](#)

Astronomy and Astrophysics 472 2 (2007) L39-L42

DOI: 10.1051/0004-6361:20078214

- ORM: WHT
- OT: CST

### **Eight more ultra luminous X-ray candidates unmasked**

[C. M. Gutiérrez](#), [M. López-Corredoira](#)

Astronomy and Astrophysics 472 1 (2007) 87-92

DOI: 10.1051/0004-6361:20077513

- ORM: WHT

### **The metallicity gradient of M 33: chemical abundances of H ii regions**

[L. Magrini](#), [J. M. Vílchez](#), [A. Mampaso](#), [R. L. M. Corradi](#), [P. Leisy](#)

Astronomy and Astrophysics 470 3 (2007) 865-874

DOI: 10.1051/0004-6361:20077445

- ORM: WHT

### **The water ice rich surface of (145453) 2005 RR<sub>43</sub>: a case for a carbon-depleted population of TNOs?**

[N. Pinilla-Alonso](#), [J. Licandro](#), [R. Gil-Hutton](#), [R. Brunetto](#)

Astronomy and Astrophysics 468 1 (2007) L25-L28

DOI: 10.1051/0004-6361:20077294

- ORM: WHT; TNG

**Lithium and zirconium abundances in massive Galactic O-rich AGB stars**

[D. A. García-Hernández](#), [P. García-Lario](#), [B. Plez](#), [A. Manchado](#), [F. D'Antona](#), [J. Lub](#), [H. Habing](#)

Astronomy and Astrophysics 462 2 (2007) 711-730

DOI: 10.1051/0004-6361:20065785

- ORM: WHT
- ESO: La Silla (3.6m T)

[Spectrophotometric investigations of blue compact dwarf galaxies : Markarian 35](#)

Cairos, LM; Caon, N; Garcia-Lorenzo, BA, et al.

ASTROPHYSICAL JOURNAL Volume: 669 Pages: 251-268 Published: 2007

- ORM:WHT; NOT

[Spitzer: Accretion in low-mass stars and brown dwarfs in the lambda orionis cluster](#)

Navascues, DBY; Stauffer, JR; Morales-Calderon, M, et al.

ASTROPHYSICAL JOURNAL Volume: 664 Issue: 1 Pages: 481-500 Published: 2007

- ORM:WHT
- CAHA:

**A deeper search for the progenitor of the Type Ic supernova 2002ap**

Monthly Notices of the Royal Astronomical Society

Volume 381, Issue 2, Date: October 2007, Pages: 835-850

R. M. Crockett, S. J. Smartt, J. J. Eldridge, S. Mattila, D. R. Young, A. Pastorello, J. R. Maund, C. R. Benn, I. Skillen

- ORM: WHT

**A census of young stellar populations in the warm ULIRG PKS 1345+12**

Monthly Notices of the Royal Astronomical Society

Volume 375, Issue 4, Date: March 2007, Pages: 1133-1145

J. Rodríguez Zaurín, J. Holt, C. N. Tadhunter, R. M. González Delgado

- ORM: WHT
- ESA: Hubble

**The properties of the young stellar populations in powerful radio galaxies at low and intermediate redshifts**

Monthly Notices of the Royal Astronomical Society

Volume 381, Issue 2, Date: October 2007, Pages: 611-639

J. Holt, et al

- ORM: WHT
- Paranal: VLT, programme ID 71.B-0616(A).

### **ESC and KAIT observations of the transitional Type Ia SN 2004eo**

Monthly Notices of the Royal Astronomical Society

Volume 377, Issue 4, Date: June 2007, Pages: 1531-1552

A. Pastorello et al

- ORM: WHT, NOT, TNG and LT (Liverpool)
- Paranal: VLT, programme 075.D-0346
- La Silla: MPI 2.2-m telescope
- CAHA: 2.2- and 3.5-m telescopes

### **Spectroscopic search for new SW Sextantis stars in the 3–4 h orbital period range – I**

Monthly Notices of the Royal Astronomical Society

Volume 374, Issue 4, Date: February 2007, Pages: 1359-1376

P. Rodríguez-Gil, L. Schmidtobreick, B. T. Gänsicke

- ORM: WHT
- La Silla: NTT

### **Kinematics of gas and stars in the circumnuclear star-forming ring of NGC 3351**

Monthly Notices of the Royal Astronomical Society

Volume 378, Issue 1, Date: June 2007, Pages: 163-178

Guillermo F. Hägele, Ángeles I. Díaz, Mónica V. Cardaci, Elena Terlevich, Roberto Terlevich

- ORM: WHT

### **Nuclear Spectra of Comet 28P Neujmin 1**

[Humberto Campins](#), [Javier Licandro](#), [Noemí Pinilla-Alonso](#), [Julie Ziffer](#), [Julia de León](#), [Thais Mothé-Diniz](#), [Juan C. Guerra](#), and [Carl Hergenrother](#)

*The Astronomical Journal* **134** No 4 (2007 October) 1626-1633

- ORM: WHT; TNG

### **Imaging the cool stars in the interacting binaries AE Aqr, BV Cen and V426 Oph**

C.A. Watson, D. Steeghs, V.S. Dhillon, T. Shahbaz

*Astronomische Nachrichten*, Volume 328, Issue 8, Date: October 2007,

Pages: 813-816

- ORM: WHT

### **The Population of Radio Sources in the Field of the Unidentified Gamma-Ray Source TeV J2032+4130**

Josep M. Paredes, Josep Martí, C. H. Ishwara Chandra, and Valentí Bosch-Ramon

[The Astrophysical Journal Letters](#). Volume 654, Issue 2, Page L135–L138, Jan 2007

- ORM: WHT
- CAHA

### **Andromeda X, a New Dwarf Spheroidal Satellite of M31: Photometry**

Daniel B. Zucker et al.

[The Astrophysical Journal Letters](#). Volume 659, Issue 1, Page L21–L24, Apr 2007

- ORM: WHT; NOT

### **Detection of GRB 060927 at z=5.47: Implications for the use of gamma-ray bursts as probes of the end of the dark ages**

Ruiz-Velasco, AE; Swan, H; Troja, E, et al.

ASTROPHYSICAL JOURNAL Volume: 669 Pages: 1-9 Published: 2007

- ORM: WHT; NOT
- Paranal: VLT
- La Silla: Danish telescope

### **ESC observations of SN 2005cf - II. Optical spectroscopy and the high-velocity features**

[G. Garavini et al.](#)

Astronomy and Astrophysics 471 2 (2007) 527-535

DOI: 10.1051/0004-6361:20066971

- ORM: NOT; TNG
- La Silla: NTT
- CAHA: 2.2m; 3.5m

### **A hydrodynamical study of multiple-shell planetary nebulae - II. Measuring the post-shock velocities in the shells**

[R. L. M. Corradi](#), [M. Steffen](#), [D. Schönberner](#), [R. Jacob](#)

Astronomy and Astrophysics 474 2 (2007) 529-539

DOI: 10.1051/0004-6361:20077293

- ORM: NOT
- ESO: 3.5m NTT; CAT telescopes

### **The early spectral evolution of SN 2004dt**

[G. Altavilla et al.](#)

Astronomy and Astrophysics 475 2 (2007) 585-595

DOI: 10.1051/0004-6361:20077487

- ORM: NOT; TNG
- CAHA: 2.2m telescope

**Multiwavelength optical observations of chromospherically active binary systems - V. FF UMa (2RE J0933+624): a system with orbital period variation**

[M. C. Gálvez](#), [D. Montes](#), [M. J. Fernández-Figueroa](#), [E. De Castro](#), [M. Cornide](#)

Astronomy and Astrophysics 472 2 (2007) 587-598

DOI: 10.1051/0004-6361:20067015

- ORM: NOT
- CAHA: 2.2m telescope

**The nature of the X-ray flash of August 24 2005 - Photometric evidence for an on-axis  $z=0.83$  burst with continuous energy injection and an associated supernova?**

[J. Sollerman et al.](#)

Astronomy and Astrophysics 466 3 (2007) 839-846

DOI: 10.1051/0004-6361:20066683

- ORM: NOT
- ESO: Paranal; La Silla (NTT; ESO/Danish 1.5m T)

**Multiperiodicity in the newly discovered mid-late Be star V2104 Cygni**

[K. Uytterhoeven](#), [E. Poretti](#), [E. Rodríguez](#), [P. De Cat](#), [P. Mathias](#), [J. H. Telting](#), [V. Costa](#), [A. Miglio](#)

Astronomy and Astrophysics 470 3 (2007) 1051-1057

DOI: 10.1051/0004-6361:20077657

- ORM: NOT

**The stellar host in blue compact dwarf galaxies - The need for a two-dimensional fit**

[R. O. Amorín](#), [C. Muñoz-Tuñón](#), [J. A. L. Aguerri](#), [L. M. Cairós](#), [N. Caon](#)

Astronomy and Astrophysics 467 2 (2007) 541-558

DOI: 10.1051/0004-6361:20066152

- ORM: NOT
- CAHA

**The radio delay of the exceptional 3C 454.3 outburst - Follow-up WEBT observations in 2005–2006**

[M. Villata et al.](#)

Astronomy and Astrophysics 464 2 (2007) L5-L9

DOI: 10.1051/0004-6361:20066958

- ORM: NOT

**PG 1657+416: a new fast pulsating sdB star - Photometric observations and theoretical model comparison**

[R. Oreiro](#), [F. Pérez Hernández](#), [R. Østensen](#), [J. E. Solheim](#), [J. MacDonald](#), [A. Ulla](#)

Astronomy and Astrophysics 461 2 (2007) 585-591

DOI: 10.1051/0004-6361:20065119

- ORM: NOT
- OT: IAC80

**A search for counterparts to massive X-ray binaries using photometric catalogues**

[I. Negueruela](#), [M. P. E. Schurch](#)

Astronomy and Astrophysics 461 2 (2007) 631-639

DOI: 10.1051/0004-6361:20066054

- ORM: NOT
- ESO: UVES Paranal Observatory Project (ESO 266.D-5655).

**The variable X-ray light curve of GRB 050713A: the case of refreshed shocks**

[D. Guetta et al.](#)

Astronomy and Astrophysics 461 1 (2007) 95-101

DOI: 10.1051/0004-6361:20065038

- ORM: NOT; TNG; LT

**SW Sextantis stars: the dominant population of cataclysmic variables with orbital periods between 3 and 4 h**

Monthly Notices of the Royal Astronomical Society

Volume 377, Issue 4, Date: June 2007, Pages: 1747-1762

P. Rodríguez-Gil, et al

- ORM: NOT; INT
- OT: IAC80
- CAHA: 3.5m and 2.2m telescopes

**ESC observations of SN 2005cf – I. Photometric evolution of a normal Type Ia supernova**

Monthly Notices of the Royal Astronomical Society

Volume 376, Issue 3, Date: April 2007, Pages: 1301-1316

A. Pastorello et al

- ORM: NOT, TNG and Mercator
- La Silla: 2.2-m telescope
- CAHA: 2.2- and 3.5-m telescopes

**Three-dimensional Spectroscopy of Blue Compact Galaxies: Diagnostic Diagrams**  
[Ismael Martínez-Delgado](#), [Guillermo Tenorio-Tagle](#), [Casiana Muñoz-Tuñón](#), [Alexei V. Moiseev](#), and [Luz M. Cairós](#)

*The Astronomical Journal* **133** No 6 (2007 June) 2892-2897

- ORM: NOT
- CAHA: 2.2m telescope

**Proper Motions of the Jets in the Region of HH 30 and HL/XZ Tau: Evidence for a Binary Exciting Source of the HH 30 Jet**

[Guillem Anglada](#), [Rosario López](#), [Robert Estalella](#), [Josefa Masegosa](#), [Angels Riera](#), and [Alejandro C. Raga](#)

*The Astronomical Journal* **133** No 6 (2007 June) 2799-2814

- ORM: NOT

**Optical, Infrared, and Ultraviolet Observations of the X-Ray Flash XRF 050416A**

[S. T. Holland](#) et al.

*The Astronomical Journal* **133** No 1 (2007 January) 122-129

- ORM: NOT

**Asteroseismology of the PG 1159 star PG 0122+200**

J.N. Fu, 2007

DOI: [10.1051/0004-6361:20066295](https://doi.org/10.1051/0004-6361:20066295)

2007A&A...467..237F

- ORM: NOT

**The first extensive search for sdO pulsators**

Rodríguez-López, 2007

DOI: [10.1111/j.1365-2966.2007.11989.x](https://doi.org/10.1111/j.1365-2966.2007.11989.x)

2007MNRAS.379.1123R

- ORM: NOT
- CAHA: 2.2 m
- OT: IAC-80

**The nature of comet-asteroid transition object (3200) Phaethon**

[J. Licandro](#), [H. Campins](#), [T. Mothé-Diniz](#), [N. Pinilla-Alonso](#), [J. de León](#)

*Astronomy and Astrophysics* 461 2 (2007) 751-757

DOI: [10.1051/0004-6361:20065833](https://doi.org/10.1051/0004-6361:20065833)

- ORM: TNG

**Extensive multiband study of the X-ray rich GRB 050408 - A likely off-axis event with an intense e**

de Ugarte , 2007

DOI: [10.1051/0004-6361:200666660](https://doi.org/10.1051/0004-6361:200666660)

Bibliographic Code: 2007A&A...462L..57D

- ORM: TNG
- CAHA: 3.5m
- ESO: La Silla (Danish telescope)
- IRAM: PdBI

**Detection of Very High Energy Radiation from the BL Lacertae Object PG 1553+113 with the MAGIC Telescope**

J. Albert et al.

[The Astrophysical Journal Letters](#). Volume 654, Issue 2, Page L119–L122, Jan 2007

- ORM: MAGIC; KVA

**Very High Energy Gamma-Ray Radiation from the Stellar Mass Black Hole Binary Cygnus X-1**

J. Albert et al.

[The Astrophysical Journal Letters](#). Volume 665, Issue 1, Page L51–L54, Aug 2007

- ORM: MAGIC

**Discovery of Very High Energy Gamma Radiation from IC 443 with the MAGIC Telescope**

J. Albert, et al.

[The Astrophysical Journal Letters](#). Volume 664, Issue 2, Page L87–L90, Aug 2007

- ORM: MAGIC

**Discovery of Very High Energy  $\gamma$ -Ray Emission from the Low-Frequency-peaked BL Lacertae Object BL Lacertae**

J. Albert et al.

[The Astrophysical Journal Letters](#). Volume 666, Issue 1, Page L17–L20, Sep 2007

- ORM: MAGIC; KVA

**Discovery of Very High Energy  $\gamma$ -Rays from 1ES 1011+496 at  $z = 0.212$**

J. Albert et al.

[The Astrophysical Journal Letters](#). Volume 667, Issue 1, Page L21–L24, Sep 2007

- ORM: MAGIC

**LS I +61 303 as a potential neutrino source on the light of magic results**

Torres, D.F. / Halzen, F. ,  
*Astroparticle Physics*, 27 (6), p.500-508, Jul 2007

- ORM: MAGIC

**Results from MAGIC's first observation cycle on galactic sources**

Javier Rico  
*Astrophysics and Space Science*, Volume 309, Numbers 1-4 / junio de 2007

- ORM: MAGIC

**Cosmology and VHE gamma ray astrophysics: connections and perspectives**

Manel Martinez  
*Astrophysics and Space Science* , Volume 309, Numbers 1-4 / junio de 2007

- ORM: MAGIC

**Constraints on the steady and pulsed VHE gamma-ray emission from observation of PSR B1951+32/CTB 80 with the MAGIC Telescope**

J. Albert et al., *ApJ*. 669 (2007) 1143

- ORM: MAGIC

**Variable VHE gamma-ray emission from Markarian 501**

J. Albert et al., *ApJ* 669 (2007) 862

- ORM: MAGIC

**Observations of Mkn 421 with the MAGIC Telescope**

J. Albert et al., *ApJ* 663 (2007) 125

- ORM: MAGIC

**Observation of very high energy gamma rays from the AGN 1ES 2344+514 in a low emission state with the MAGIC telescope**

J. Albert et al., *ApJ* 662 (2007) 892

- ORM: MAGIC

**First bounds on very high energy gamma-ray emission from Arp 220**

J. Albert et al., *ApJ* 658 (2007) 245

- ORM: MAGIC

**FADC Signal reconstruction for the MAGIC telescope**

J. Albert et al., [Nucl. Instr. Meth. A 594 \(2008\) 407](#)

- ORM: MAGIC

**Magic upper limits on the very high energy emission from gamma-ray bursts**

Albert, J; Aliu, E; Anderhub, H, et al.

ASTROPHYSICAL JOURNAL Volume: 667 Pages: 358-366 Published: 2007

- [ORM: MAGIC](#)

**Observation of VHE  $\gamma$ -rays from Cassiopeia A with the MAGIC telescope**

[J. Albert et al.](#)

Astronomy and Astrophysics 474 3 (2007) 937-940

DOI: 10.1051/0004-6361:20078168

- [ORM: MAGIC](#)

**SuperWASP-North extrasolar planet candidates between  $3\text{h} < \text{RA} < 6\text{h}$**

Monthly Notices of the Royal Astronomical Society

Volume 381, Issue 2, Date: October 2007, Pages: 851-864

W. I. Clarkson, et al.

- [ORM: Super WASP I](#)

**SuperWASP-N extrasolar planet candidates between  $18 < \text{RA} < 21\text{h}$**

Monthly Notices of the Royal Astronomical Society

Volume 379, Issue 2, Date: August 2007, Pages: 816-832

R. A. Street et al.

- [ORM: Super WASP-N](#)

**SuperWASP-North extrasolar planet candidates: candidates from fields  $17\text{h} < \text{RA} < 18\text{h}$**

Monthly Notices of the Royal Astronomical Society

Volume 379, Issue 2, Date: August 2007, Pages: 647-662

T. A. Lister et al.

- [ORM: Super WASP-N](#)

**WASP-1b and WASP-2b: two new transiting exoplanets detected with SuperWASP and SOPHIE**

Monthly Notices of the Royal Astronomical Society

Volume 375, Issue 3, Date: March 2007, Pages: 951-957

A. Collier Cameron et al.

- [ORM: WASP](#)

**Temporal evolution of the Evershed flow in sunspots - I. Observational characterization of Evershed clouds**

[D. Cabrera Solana](#), [L. R. Bellot Rubio](#), [C. Beck](#), [J. C. del Toro Iniesta](#)

Astronomy and Astrophysics 475 3 (2007) 1067-1079

DOI: 10.1051/0004-6361:20077819

- ORM: DOT
- OT: VTT

**Magnetic properties of G-band bright points in a sunspot moat**

[C. Beck](#), [L. R. Bellot Rubio](#), [R. Schlichenmaier](#), [P. Sütterlin](#)

Astronomy and Astrophysics 472 2 (2007) 607-622

- ORM: DOT
- OT: VTT

**Relationships between magnetic foot points and G-band bright structures**

[R. Ishikawa](#), [S. Tsuneta](#), [Y. Kitakoshi](#), [Y. Katsukawa](#), [J. A. Bonet](#), [S. Vargas Domínguez](#), [L. H. M. Rouppe van der Voort](#), [Y. Sakamoto](#), [T. Ebisuzaki](#)

Astronomy and Astrophysics 472 3 (2007) 911-918

DOI: 10.1051/0004-6361:20066942

- ORM: SST

**On the Moat-Penumbra Relation**

S. Vargas Domínguez, J. A. Bonet, V. Martínez Pillet, Y. Katsukawa, Y. Kitakoshi, and L. Rouppe van der Voort

[The Astrophysical Journal Letters](#). Volume 660, Issue 2, Page L165–L168, May 2007

- ORM: SST

**[The Evershed effect observed with 0.2 " angular resolution](#)**

Almeida, JS; Marquez, I; Bonet, JA, et al.

ASTROPHYSICAL JOURNAL Volume: 658 Issue: 2 Pages: 1357-1371 Part: 1

Published: APR 1 2007

- ORM:SST

**Evolution of structure in late-type spiral galaxies - I. Ionized gas kinematics in NGC 628**

[K. Fathi](#), [J. E. Beckman](#), [A. Zurita](#), [M. Relaño](#), [J. H. Knapen](#), [O. Daigle](#), [O. Hernandez](#), [C. Carignan](#)

Astronomy and Astrophysics 466 3 (2007) 905-916

DOI: 10.1051/0004-6361:20066990

- ORM: JKT

[Star formation in isolated AMIGA galaxies: dynamical influence of bars](#)

S. Verley , 2007

DOI: [10.1051/0004-6361:20077650](#)

Bibliographic Code: 2007A&A...474...43V

- ORM: JKT
- CAHA: 2.2m

**Long term photometric monitoring with the Mercator telescope - Frequencies and mode identification of variable O-B stars**

[P. De Cat et al.](#)

Astronomy and Astrophysics 463 1 (2007) 243-249

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[J. Ascenso](#), [J. Alves](#), [S. Vicente](#), [M. T. V. T. Lago](#)

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- Paranal: NACO instrument at the VLT/UT4 Yepun

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[R. Lopes de Oliveira](#), [C. Motch](#), [M. A. Smith](#), [I. Negueruela](#), [J. M. Torrejón](#)

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[P. Jablonka](#), [J. Gorgas](#), [P. Goudfrooij](#)

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[M. V. F. Copetti](#), [V. A. Oliveira](#), [R. Riffel](#), [H. O. Castañeda](#), [D. Sanmartim](#)

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**GaBoDS: The Garching-Bonn deep survey - VII. Cosmic shear analysis**

[M. Hetterscheidt](#), [P. Simon](#), [M. Schirmer](#), [H. Hildebrandt](#), [T. Schrabback](#), [T. Erben](#), [P. Schneider](#)

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**HST and VLT observations of the symbiotic star Hen 2-147 - Its nebular dynamics, its Mira variable and its distance**

[M. Santander-García](#), [R. L. M. Corradi](#), [P. A. Whitelock](#), [U. Munari](#), [A. Mampaso](#), [F. Marang](#), [F. Boffi](#), [M. Livio](#)

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[I. Hunter](#), [P. L. Dufton](#), [S. J. Smartt](#), [R. S. I. Ryans](#), [C. J. Evans](#), [D. J. Lennon](#), [C. Trundle](#), [I. Hubeny](#), [T. Lanz](#)

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**HST and VLT observations of the symbiotic star Hen 2–147 - Its nebular dynamics, its Mira variable and its distance**

[M. Santander-García](#), [R. L. M. Corradi](#), [P. A. Whitelock](#), [U. Munari](#), [A. Mampaso](#), [F. Marang](#), [F. Boffi](#), [M. Livio](#)

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 Author(s): Martin S, Martin-Pintado J, Viti S  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 706 Issue: 2 Pages: 1323-1330 Published: DEC 1 2009  
 ♦ **IRAM: 30m**  
 ♦ JCMT
38. [Multiwavelength observations of the energetic GRB 080810: detailed mapping of the broad-band spectral evolution star](#)  
 Author(s): Page KL, Willingale R, Bissaldi E, et al.  
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 ♦ **ORM: NOT; INT/ WFC; LT**  
 ♦ Otros: 1.5m-OSN; FTN; 1.5m-DK; *ROTSE-III*
39. [The main-sequence rotation-colour relation in the Coma Berenices open cluster](#)  
 Author(s): Cameron AC, Davidson VA, Hebb L, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 400 Issue: 1 Pages: 451-462 Published: NOV 21 2009  
 ♦ **ORM: SuperWASP**

40. [Follow-up observations at 16 and 33 GHz of extragalactic sources from WMAP 3-yr data: I - Spectral properties star](#)  
 Author(s): Davies ML, Franzen TMO, Davies RD, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
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 ♦ OT: VSA
41. [Follow-up observations at 16 and 33 GHz of extragalactic sources from WMAP 3-yr data: II - Flux density variability star](#)  
 Author(s): Franzen TMO, Davies ML, Davies RD, et al.  
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 ♦ OT: VSA
42. [A fresh look at the seismic spectrum of HD49933: analysis of 180 days of CoRoT photometry](#)  
 Author(s): Benomar O, Baudin F, Campante TL, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 1 Pages: L13-U23 Published: NOV 2009  
 ♦ ESA: CoRoT
43. [Probing variability patterns of the Fe K line complex in bright nearby AGNs](#)  
 Author(s): De Marco B, Iwasawa K, Cappi M, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 1 Pages: 159-U256 Published: NOV 2009  
 ♦ ESA: XMM-Newton
44. [Radio continuum and near-infrared study of the MGRO J2019+37 region](#)  
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 ♦ CAHA: 3.5m/ OMEGA2000  
 ♦ GMRT  
 ♦ 2MASS
45. [The energy of waves in the photosphere and lower chromosphere I. Velocity statistics](#)  
 Author(s): Beck C, Khomenko E, Rezaei R, et al.  
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 ♦ OT: VTT/ POLIS
46. [Evolution of the cloud field and wind structure of Jupiter's highest speed jet during a huge disturbance](#)  
 Author(s): Barrado-Izagirre N, Perez-Hoyos S, Garcia-Melendo E, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 1 Pages: 513-522 Published: NOV 2009  
 ♦ ESA/NASA: Hubble  
 ♦ HST and IOPW archives

47. [A homogeneous spectroscopic analysis of host stars of transiting planets](#)  
 Author(s): Ammler-von Eiff M, Santos NC, Sousa SG, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 507 Issue: 1 Pages: 523-530 Published: NOV 2009
- ◆ ORM: TNG/ SARG
  - ◆ ESO (Paranal): UVES (archivo)
  - ◆ Observatoire de Haute Provence : OHP/ SOPHIE
  - ◆ SIMBAD database
48. [The quiescent spectral energy distribution of V404 Cyg](#)  
 Author(s): Hynes RI, Bradley CK, Rupen M, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
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- ◆ ESA/NASA: Hubble
  - ◆ ORM: WHT
  - ◆ OT: IAC-80
  - ◆ Gemini
  - ◆ NASA: Chandra
  - ◆ TheWesterbork SynthesisRadio Telescope (WSRT)
  - ◆ NRAO: VLA
49. [THE CHEMICAL COMPOSITION OF CERNIS 52 \(BD+31 degrees 640\)](#)  
 Author(s): Hernandez JIG, Iglesias-Groth S, Rebolo R, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 706 Issue: 1 Pages: 866-876  
 Published: NOV 20 2009
- ◆ ORM: TNG; NOT
  - ◆ IRAF and Aladin facilities.
  - ◆ VALD, SIMBAD, DSS and 2MASS databases
50. [The bright galaxy population of five medium redshift clusters II. Quantitative galaxy morphology](#)  
 Author(s): Ascaso B, Aguerri JAL, Moles M, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 3 Pages: 1071-1082 Published: NOV 2009
- ◆ ORM: NOT
51. [An X-ray view of 82 LINERs with Chandra and XMM-Newton data](#)  
 Author(s): Gonzalez-Martin O, Masegosa J, Marquez I, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 3 Pages: 1107-1121 Published: NOV 2009
- ◆ ESA: XMM-Newton Data Archive; Hubble
52. [Candidate free-floating super-Jupiters in the young sigma Orionis open cluster](#)  
 Author(s): Bihain G, Rebolo R, Osorio MRZ, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 3 Pages: 1169-1182 Published: NOV 2009
- ◆ ESO (Paranal): VLT/ ISAAC
  - ◆ ORM: INT/ WFC; WHT/ LIRIS

- ◆ CAHA: 3.5m/ Omega2000
  - ◆ Canada-France-Hawaii Telescope (CFHT)
  - ◆ archival post-basic calibrated data (PBCD) from the Spitzer Space Telescope Infrared Array Camera (IRAC)
53. [Low-mass protostars and dense cores in different evolutionary stages in IRAS 00213+6530](#)  
 Author(s): Busquet G, Palau A, Estalella R, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 3 Pages: 1183-1198 Published: NOV 2009
- ◆ IRAM. 30m
  - ◆ NRAO: VLA
  - ◆ NASA: 70m antenna
54. [XMMSL1 J060636.2-694933: an XMM-Newton slew discovery and Swift/Magellan follow up of a new classical nova in the LMC](#)  
 Author(s): Read AM, Saxton RD, Jonker PG, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 3 Pages: 1309-1317 Published: NOV 2009
- ◆ ESA: XMM-Newton
  - ◆ NASA: Swift
55. [The solar BaII 4554 angstrom line as a Doppler diagnostic: NLTE analysis in 3D hydrodynamical model](#)  
 Author(s): Shchukina NG, Olshevsky VL, Khomenko EV  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 3 Pages: 1393-U608 Published: NOV 2009
- ◆ OT: VTT
56. [Solar granulation from photosphere to low chromosphere observed in Ba II 4554 angstrom line](#)  
 Author(s): Kostik R, Khomenko E, Shchukina N  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 3 Pages: 1405-1414 Published: NOV 2009
- ◆ OT: VTT
57. [The quiet Sun magnetic field observed with ZIMPOL on THEMIS I. The probability density function](#)  
 Author(s): Bommier V, Gonzalez MM, Bianda M, et al.  
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- ◆ OT: Themis
58. [PMAS optical integral field spectroscopy of luminous infrared galaxies I. The atlas](#)  
 Author(s): Alonso-Herrero A, Garcia-Marin M, Monreal-Ibero A, et al.  
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- ◆ CAHA: 3.5m/ PMAS

- ◆ NASA/IPAC Extragalactic Database (NED)
  
- 59. [CORRELATED X-RAY AND VERY HIGH ENERGY EMISSION IN THE GAMMA-RAY BINARY LS I+61 303](#)  
 Author(s): Anderhub H, Antonelli LA, Antoranz P, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 706 Issue: 1  
 Pages: L27-L32 Published: NOV 20 2009
  - ◆ ORM: MAGIC,
  - ◆ ESA: XMM-Newton
  - ◆ Otros: Swift; RATAN; VLBA; Skinakas (1.3 m)
  
- 60. [Suzaku and Multi-Wavelength Observations of OJ 287 during the Periodic Optical Outburst in 2007](#)  
 Author(s): Seta H, Isobe N, Tashiro MS, et al.  
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  - ◆ ORM: MAGIC; KVA
  - ◆ Suzaku
  - ◆ KANATA
  
- 61. [Empirical estimate of Ly alpha escape fraction in a statistical sample of Ly alpha emitters](#)  
 Author(s): Atek H, Kunth D, Schaerer D, et al.  
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  - ◆ ESO (La Silla): NTT/ EFOSC2
  - ◆ NASA: GALEX
  
- 62. [Integral field spectroscopy with SINFONI of VVDS galaxies II. The mass-metallicity relation at  \$1.2 < z < 1.6\$](#)   
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  - ◆ ESO (Paranal) VLT/ SINFONI
  
- 63. [The UV-Excess survey of the northern Galactic plane](#)  
 Author(s): Groot PJ, Verbeek K, Greimel R, et al.  
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  - ◆ ORM: INT
  
- 64. [INTERPRETATION OF STRONG SHORT-TERM CENTRAL PERTURBATIONS IN THE LIGHT CURVES OF MODERATE-MAGNIFICATION MICROLENSING EVENTS](#)  
 Author(s): Han C, Hwang KH, Kim D, et al.  
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 Published: NOV 10 2009
  - ◆ ORM: LT
  - ◆ Las Campanas Observatory, Chile: 1.3 m Warsaw telescope.

- ◆ Otros( follow-up observations): 1.3 m of CTIO in Chile; 0.4 m of Auckland Observatory; 0.4 m of Vintage Lane Observatory in New Zealand; 1.0 m of Mt. Lemmon Observatory in Arizona; 1.8 m of Mt. John in New Zealand; etc
  
- 65. [INTERACTING GALAXIES IN THE A901/902 SUPERCLUSTER WITH STAGES](#)  
 Author(s): Heiderman A, Joglee S, Marinova I, et al.  
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  - ◆ ESA: Hubble/ ACS; XMM-Newton
  - ◆ COMBO-17
  - ◆ NASA: Spitzer Space Telescope
  
- 66. [SIMULTANEOUS MULTIWAVELENGTH OBSERVATION OF Mkn 501 IN A LOW STATE IN 2006](#)  
 Author(s): Anderhub H, Antonelli LA, Antoranz P, et al.  
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  - ◆ ORM: MAGIC
  
- 67. [The CoRoT target HD 175726: an active star with weak solar-like oscillations](#)  
 Author(s): Mosser B, Michel E, Appourchaux T, et al.  
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  - ◆ ESA: CoRoT
  
- 68. [Solar-like oscillations with low amplitude in the CoRoT target HD 181906](#)  
 Author(s): Garcia RA, Regulo C, Samadi R, et al.  
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  - ◆ ESA: CoRoT
  
- 69. [Solar-like oscillations in HD 181420: data analysis of 156 days of CoRoT data](#)  
 Author(s): Barban C, Deheuvels S, Baudin F, et al.  
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  - ◆ ESA: CoRoT
  
- 70. [Looking for pulsations in HgMn stars through CoRoT lightcurves](#)  
 Author(s): Alecian G, Gebran M, Auvergne M, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 69-78 Published: OCT 2009
  - ◆ ESA: CoRoT
  - ◆ ESO (Paranal): VLT/ FLAMES-GIRAFFE

71. [Asteroseismic analysis of the CoRoT delta Scuti star HD 174936](#)  
 Author(s): Hernandez AG, Moya A, Michel E, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 79-83 Published: OCT 2009  
 ♦ ESA: CoRoT
72. [HD 50844: a new look at delta Scuti stars from CoRoT space photometry](#)  
 Author(s): Poretti E, Michel E, Garrido R, et al.  
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 ♦ ESA: CoRoT  
 ♦ ESO (La Silla): 2.2mMPI/ FEROS
73. [The B0.5IVe CoRoT target HD 49330 I. Photometric analysis from CoRoT data](#)  
 Author(s): Huat AL, Hubert AM, Baudin F, et al.  
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 ♦ ESA: CoRoT  
 ♦ ESO (La Silla): 2.2mMPI/ FEROS
74. [The B0.5 IVe CoRoT target HD 49330 II. Spectroscopic ground-based observations](#)  
 Author(s): Floquet M, Hubert AM, Huat AL, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 103-110 Published: OCT 2009  
 ♦ ESA: CoRoT  
 ♦ ESO (La Silla): 2.2mMPI/ FEROS  
 ♦ 2 m Telescope Bernard Lyot (TBL)
75. [Pulsations in the late-type Be star HD 50 209 detected by CoRoT](#)  
 Author(s): Diago PD, Gutierrez-Soto J, Auvergne M, et al.  
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 ♦ ESA: CoRoT  
 ♦ ESO (La Silla): 2.2mMPI/ FEROS
76. [Low-amplitude variations detected by CoRoT in the B8IIIe star HD 175869](#)  
 Author(s): Gutierrez-Soto J, Floquet M, Samadi R, et al.  
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 ♦ ESA: CoRoT  
 ♦ DDO: 1.88m telescope  
 ♦ 2m Télescope Bernard Lyot (TBL)

77. [The pulsations of the B5IVe star HD 181231 observed with CoRoT and ground-based spectroscopy](#)  
 Author(s): Neiner C, Gutierrez-Soto J, Baudin F, et al.  
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- ◆ ESA: CoRoT
  - ◆ ESO (La Silla): 2.2mMPI/ FEROS
  - ◆ 2m Telescope Bernard Lyot (TBL)
78. [HD 51106 and HD 50747: an ellipsoidal binary and a triple system observed with CoRoT](#)  
 Author(s): Dolez N, Vauclair S, Michel E, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 159-165 Published: OCT 2009
- ◆ ESA: CoRoT
  - ◆ ESO (La Silla): 2.2mMPI/ FEROS
  - ◆ CAHA: 2.2m/ FOCES
  - ◆ Observatoire de Haute-Provence : 1.93 m telescope/ SOPHIE
79. [Ground-based observations of the beta Cephei CoRoT main target HD 180 642: abundance analysis and mode identification](#)  
 Author(s): Briquet M, Uytterhoeven K, Morel T, et al.  
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- ◆ ESO (La Silla): 2.2mMPI/ FEROS
  - ◆ ORM: Mercator
  - ◆ San Pedro Mártir (México): 1.5 m telescope
  - ◆ 1m RCC and 50 cm telescope at the Pizskéstet"o Mountain Station of Konkoly Observatory
80. [Transiting exoplanets from the CoRoT space mission VII. The "hot-Jupiter"-type planet CoRoT-5b](#)  
 Author(s): Rauer H, Queloz D, Csizmadia S, et al.  
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- ◆ ESA: CoRoT
  - ◆ ESO (La Silla): 3.6m/ HARPS
  - ◆ OT: IAC80
  - ◆ ORM: INT
  - ◆ Observatoire de Haute-Provence : 1.93 m telescope/ SOPHIE
81. [Transiting exoplanets from the CoRoT space mission VIII. CoRoT-7b: the first super-Earth with measured radius](#)  
 Author(s): Leger A, Rouan D, Schneider J, et al.  
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- ◆ ESA: CoRoT
  - ◆ ESO (La Silla): 3.6m/ HARPS
  - ◆ ESO (Paranal) VLT-UT1/ CRIRES

- ◆ OT: IAC80
  - ◆ ORM: INT
  - ◆ Canada-France-Hawaii Telescope (CFHT)
  - ◆ Observatoire de Haute-Provence : 1.93 m telescope/ SOPHIE
82. [The CoRoT-7 planetary system: two orbiting super-Earths](#)  
 Author(s): Queloz D, Bouchy F, Moutou C, et al.  
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- ◆ ESO (La Silla): 3.6m/ HARPS
  - ◆ La Silla (no ESO): EULER Swiss telescope
83. [Planetary transit candidates in the CoRoT initial run: resolving their nature](#)  
 Author(s): Moutou C, Pont F, Bouchy F, et al.  
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- ◆ ESA: CoRoT
  - ◆ ESO (La Silla): 3.6m/ HARPS
  - ◆ ORM: INT (tabla 1)
  - ◆ OT: IAC80 (tabla 1)
  - ◆ Observatoire de Haute-Provence : 1.93 m telescope/ SOPHIE
84. [Rate and nature of false positives in the CoRoT exoplanet search](#)  
 Author(s): Almenara JM, Deeg HJ, Aigrain S, et al.  
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- ◆ ESA: CoRoT
85. [Ground-based photometry of space-based transit detections: photometric follow-up of the CoRoT mission](#)  
 Author(s): Deeg HJ, Gillon M, Shporer A, et al.  
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- ◆ ESA: CoRoT
  - ◆ OT: IAC80
  - ◆ ORM: INT
  - ◆ Exo-Dat database
86. [The secondary eclipse of CoRoT-1b](#)  
 Author(s): Alonso R, Alapini A, Aigrain S, et al.  
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- ◆ ESA: CoRoT

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Author(s): Triaud AHMJ, Queloz D, Bouchy F, et al.  
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◆ ESO (La Silla): 3.6m/ HARPS
88. [Noise properties of the CoRoT data A planet-finding perspective](#)  
Author(s): Aigrain S, Pont F, Fressin F, et al.  
Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 425-429 Published: OCT 2009  
◆ ESA: CoRoT
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Author(s): Mazeh T, Guterman P, Aigrain S, et al.  
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◆ ESA: CoRoT
90. [Searching for transiting circumbinary planets in CoRoT and ground-based data using CB-BLS](#)  
Author(s): Ofir A, Deeg HJ, Lacy CHS  
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◆ ESA: CoRoT
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Author(s): Degroote P, Aerts C, Ollivier M, et al.  
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◆ ESA: CoRoT  
◆ ORM: INT
92. [Planetary transit candidates in Corot-IRa01 field](#)  
Author(s): Carpano S, Cabrera J, Alonso R, et al.  
Source: ASTRONOMY & ASTROPHYSICS Volume: 506 Issue: 1 Pages: 491-500 Published: OCT 2009  
◆ ESA: CoRoT
93. [Planetary transit candidates in CoRoT-LRc01 field](#)  
Author(s): Cabrera J, Fridlund M, Ollivier M, et al.  
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◆ ESA: CoRoT  
◆ OT: IAC80  
◆ ORM: INT

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 Author(s): Debosscher J, Sarro LM, Lopez M, et al.  
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 ♦ [ESA: CoRoT](#)
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 Author(s): Sarro LM, Debosscher J, Aerts C, et al.  
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 ♦ [ESA: CoRoT; Hipparcos database](#)  
 ♦ OGLE databases
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 Author(s): Marmol-Queralto E, Cardiel N, Sanchez-Blazquez P, et al.  
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 ♦ [ESO \(Paranal\): VLT-UT1/ ISAAC](#)
97. [SY Cnc, a case for unstable mass transfer?](#)  
 Author(s): Casares J, Martinez-Pais IG, Rodriguez-Gil P  
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 ♦ [ORM: INT](#)
98. [90 GHz AND 150 GHz OBSERVATIONS OF THE ORION M42 REGION. A SUBMILLIMETER TO RADIO ANALYSIS](#)  
 Author(s): Dicker SR, Mason BS, Korngut PM, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 705 Issue: 1 Pages: 226-236 Published: NOV 1 2009  
 ♦ [IRAM: 30m/ MUSTANG](#)
99. [ON THE EXTENDED STRUCTURE OF THE PHOENIX DWARF GALAXY](#)  
 Author(s): Hidalgo SL, Aparicio A, Martinez-Delgado D, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 705 Issue: 1 Pages: 704-716 Published: NOV 1 2009  
 ♦ [ESA: Hubble/ WFPC2](#)  
 ♦ Las Campanas Observatory's 100-inch telescope (Chile).
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 Author(s): Kalirai JS, Zucker DB, Guhathakurta P, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 705 Issue: 1 Pages: 1043-1055 Published: NOV 1 2009  
 ♦ [ORM: NOT; WHT](#)

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 Author(s): García-Marín M, Colina L, Arribas S  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 505 Issue: 3 Pages: 1017-1026 Published: OCT 2009
  - ◆ ORM: WHT/ INTEGRAL
  - ◆ ESA/NASA: Hubble
  
- 102. [C2H in prestellar cores](#)  
 Author(s): Padovani M, Walmsley CM, Tafalla M, et al.  
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  - ◆ IRAM: 30m
  
- 103. [Integral field optical spectroscopy of a representative sample of ULIRGs I. The data](#)  
 Author(s): García-Marín M, Colina L, Arribas S, et al.  
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  - ◆ ORM: WHT/ INTEGRAL
  - ◆ ESA/NASA: Hubble
  
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 ♦ NASA: Swift
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 ♦ NASA: Spitzer Space Telescope  
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  - ◆ 3.6 m Canada–France–Hawaii Telescope (CFHT)
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  - ◆ ORM: NOT
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- ◆ ESA: Hinode
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 ♦ **CAHA: 2.2m/CAFOS**  
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  - ◆ ORM: Mercator; NOT/ ALFOSC
  - ◆ IRAM: PdBI
  - ◆ 0.22 m telescope at Russia
  - ◆ 0.7 m telescope at of Kharkov University, Ukraine
  - ◆ 1.5 m telescope of Maidanak observatory Uzbekistan
  - ◆ 2.0 m IGO Telescope at IUCAA Pune, India
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  - ◆ CAHA: 2.2m
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  - ◆ NASA: Spitzer Space Telescope

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  - ◆ Two Micron All Sky Survey
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  - ◆ WDS, SIDONe, and SIMBAD databases
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  - ◆ ESA:XMM-Newton,
  - ◆ VERITAS (Arizona)
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  - ◆ 6 m SAO RAS telescope
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  - ◆ CAHA: 1.5m
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  - ◆ Gemini
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  - ◆ CAHA: 2.2m (ya publicado, Lipovetsky et al. (1999))

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 ♦ NASA: Chandra
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 ♦ ORM: LT  
 ♦ Maidanak (Uzbekistan): 1.5-m AZT-22 Telescope

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  - ◆ Gemini Observatory
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  - ◆ ESO (Paranal): VLT/ ISAAC
  - ◆ ESA/NASA: Hubble/ ACS
  - ◆ CAHA: 3,5m
  - ◆ CTIO 4m Blanco telescope
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  - ◆ STEREO/SECCHI
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  - ◆ ESA: XMM-Newton (archivo)
  - ◆ NASA: Spitzer; Chandra; ROSAT (archivo) ; Swift (archivo) ; GALEX (archivo)
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  - ◆ NASA: Spitzer Space Telescope
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  - ◆ Spitzer
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  - ◆ Giant Metrewave Radio Telescope (GMRT)
  - ◆ NRAO: VLA
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- ◆ ORM: NOT
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  - ◆ SDSS
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- ◆ NASA/IPAC Extragalactic Database (NED)
  
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- ◆ NRAO: VLA
- ◆ NASA: Chandra X-ray Observatory/ACIS-I
  
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  - ◆ SDSS
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  - ◆ CADK KPNO Palomar CTIO
  - ◆ Follow-up/Tracking Observations: [ORM: NOT; CAHA: 2.2m; ESO: 2.2m MPI, VLT-UT1](#); otros (WIYN 3.5 m; Mayall 3.8 m; KPNO 2 m; Hale 5 m; Gemini 8 m)
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  - ◆ Datos ya publicados, Gavazzi et al. (2001): NTT (ESO; La Silla); TNG (ORM) (indirectos)
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  - ◆ UKIRT
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- ◆ ESA: Hinode
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  - ◆ AAT (Anglo-Australian Telescope)
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 ♦ NASA: Chandra/ HRC-I  
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  - ◆ Canada-France-Hawaii Telescope: CFHT/ WIRCam
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  - ◆ NRAO: VLA
  - ◆ NASA: Chandra
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- ◆ **ORM: TNG/ SARG**
  
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- 297. [NEAR-INFRARED SPECTROSCOPY OF SEYFERT GALAXIES. NUCLEAR ACTIVITY AND STELLAR POPULATION](#)  
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- ◆ **ORM:WHT**
  
- 298. [THE ACS SURVEY OF GALACTIC GLOBULAR CLUSTERS. VII. RELATIVE AGES](#)  
 Author(s): Marin-Franch A, Aparicio A, Piotto G, et al.  
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- ◆ **ESA/NASA: Hubble**

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 Author(s): Matt G, Bianchi S, Awaki H, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 496 Issue: 3 Pages: 653-658 Published: MAR 2009
- ◆ [ESA: XMM-Newton](#)
  - ◆ Suzaku
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 Author(s): Neuhauser R, Kramer S, Mugrauer M, et al.  
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- ◆ [ESO \(Paranal\): VLT/ NACO/ FORS1/ ISAAS](#)
  - ◆ [ESO \(La Silla\): NTT](#)
  - ◆ 2MASS, DENIS, USNO, GSC, NOMAD, and IRAS Faint Source Catalogs
  - ◆ Simbad, Visir, and ADS databases.
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- ◆ [CAHA: 2.2m/ CAFOS; 3.5m/ TWIN](#)
  - ◆ 0.70 m telescope of the AIP, Germany
  - ◆ 1.2m telescope at the FLWO in Arizona
302. [Statistical evaluation of the flux cross-calibration of the XMM-Newton EPIC cameras](#)  
 Author(s): Mateos S, Saxton RD, Read AM, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 496 Issue: 3 Pages: 879-889 Published: MAR 2009
- ◆ [ESA: XMM-Newton \(2XMM catalogue\)](#)
303. [Properties of the ionized gas in HH 202-I. Results from integral field spectroscopy with PMAS](#)  
 Author(s): Mesa-Delgado A, Lopez-Martin L, Esteban C, et al.  
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- ◆ [CAHA: 3.5m/ PMAS](#)
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 Author(s): Pyrzas S, Gansicke BT, Marsh TR, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 394 Issue: 2 Pages: 978-994 Published: APR 1 2009
- ◆ [ORM: WHT; NOT; Mercator](#)
  - ◆ [OT: IAC-80](#)
  - ◆ [CAHA: 2.2m](#)

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 Author(s): Caliskan S, Kalemci E, Baring MG, et al.  
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 ♦ [ESA: INTEGRAL/SPI](#)
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 Author(s): Martin S, Martin-Pintado J, Mauersberger R  
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 Author(s): Lopez-Sanjuan C, Balcells M, Garcia-Dabo CE, et al.  
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 ♦ [ORM: WHT/ INGRID; INT/ WFC](#)
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 Author(s): Garcia-Burillo S, Fernandez-Garcia S, Combes F, et al.  
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 ♦ [ESA/NASA: Hubble data archive](#)
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 Author(s): Bertini I, Lara LM, Vincent JB, et al.  
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 Author(s): Lorenzo MF, Cepa J, Bongiovanni A, et al.  
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 Author(s): Pinilla-Alonso N, Brunetto R, Licandro J, et al.  
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 ♦ ORM: WHT/ ISIS; TNG/ NICS
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 Author(s): Sierpowska-Bartosik A, Torres DF  
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 ♦ ORM: MAGIC
313. [WASP-12b: THE HOTTEST TRANSITING EXTRASOLAR PLANET YET DISCOVERED](#)  
 Author(s): Hebb L, Collier-Cameron A, Loeillet B, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 693 Issue: 2 Pages: 1920-1928 Published: MAR 10 2009  
 ♦ ORM: SuperWASP; LT/ RATCam; INT/ IDS; TNG/ SARG  
 ♦ Tenagra Telescope (Arizona)  
 ♦ Observatoire de Haute Provence: 1.93 m telescope/ SOPHIE
314. [WINGS-SPE Spectroscopy in the Wide-field Nearby Galaxy-cluster Survey](#)  
 Author(s): Cava A, Bettoni D, Poggianti BM, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 3 Pages: 707-719 Published: MAR 2009  
 ♦ ORM: WHT/AF2  
 ♦ AAT/2dF
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 Author(s): Perez I, Sanchez-Blazquez P, Zurita A  
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 ♦ ORM: INT  
 ♦ 2.3m, SSO  
 ♦ NASA/IPAC Extragalactic Database (NED)  
 ♦ DSS
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 Author(s): Hitschfeld M, Kramer C, Schuster KF, et al.  
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 ♦ NRAO: VLA  
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 Author(s): Berne O, Joblin C, Fuente A, et al.  
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- ◆ ESA: ISO
  - ◆ NASA: Spitzer Space Telescope
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- ◆ ESO (Paranal): VLT/ISAAC
  - ◆ NASA: Spitzer Space Telescope
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 Author(s): Montesinos B, Eiroa C, Mora A, et al.  
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- ◆ CAHA: 2.2m/ CAFOS
  - ◆ ORM: WHT/ UES
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- ◆ IRAM: 30m/MAMBO; PdBI
321. [MULTIWAVELENGTH OPTICAL OBSERVATIONS OF TWO CHROMOSPHERICALLY ACTIVE BINARY SYSTEMS: V789 MON AND GZ LEO](#)  
 Author(s): Galvez MC, Montes D, Fernandez-Figueroa MJ, et al.  
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- ◆ CAHA: 2.2m/FOCES
  - ◆ McDonald Observatory: 2.1 m OSa/Sandiford
322. [THE NATURE OF GROWING BULGES WITHIN  \$z < 1.3\$  GALAXY DISKS IN THE GOODS-N FIELD](#)  
 Author(s): Dominguez-Palmero L, Balcells M  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 694 Issue: 1 Pages: L69-L73 Published: MAR 20 2009
- ◆ ESA/NASA: Hubble/ACS

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 Author(s): Meyer L, Do T, Ghez A, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 694 Issue: 1  
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- ◆ ESO (Paranal): VLT-UT4/ NACO
  - ◆ Keck II/ NIRC2)
324. [Accurate Analytical and Statistical Approaches to Reduce O-C Discrepancies in the Precessional Parameters](#)  
 Author(s): Martinez MJ, Marco FJ, Lopez JA  
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- ◆ Teórico
  - ◆ ESA: Hipparcos catalog
325. [The XMM-Newton view of AGN with intermediate-mass black holes](#)  
 Author(s): Miniutti G, Ponti G, Greene JE, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
 Volume: 394 Issue: 1 Pages: 443-453 Published: MAR 21 2009
- ◆ ESA: XMM-Newton
326. [REFINED ORBITAL SOLUTION AND QUIESCENT VARIABILITY IN THE BLACK HOLE TRANSIENT GS 1354-64 \(= BW CIR\)](#)  
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 Issue: 1 Pages: 238-243 Published: MAR 2009
- ◆ ESO (Paranal): VLT-UT4/FORS2
  - ◆ La Silla (no ESO): 1.54 m Danish telescope/DFOSC
  - ◆ SAAO
  - ◆ Las Campanas Observatory: 6.5 m Magellan telescope/MagIC
327. [PERIODIC VERY HIGH ENERGY gamma-RAY EMISSION FROM LS I+61 degrees 303 OBSERVED WITH THE MAGIC TELESCOPE](#)  
 Author(s): Albert J, Aliu E, Anderhub H, et al.  
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- ◆ ORM:MAGIC
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 Author(s): Giang TT, Hamrin M, Yamauchi M, et al.  
 Source: ANNALES GEOPHYSICAE Volume: 27 Issue: 2 Pages: 839-849  
 Published: 2009
- ◆ ESA: Cluster II CIS instrument

329. [STAGES: the Space Telescope A901/2 Galaxy Evolution Survey](#)  
 Author(s): Gray ME, Wolf C, Barden M, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
 Volume: 393 Issue: 4 Pages: 1275-1301 Published: MAR 11 2009
- ◆ Space Telescope A901/2 Galaxy Evolution Survey (STAGES)
  - ◆ ESA: Hubble; XMM-Newton
  - ◆ ESO (La Silla) : 2.2m MPI/ WFI
  - ◆ La Silla (no ESO): 1.54-m Danish telescope/ DFOSC
  - ◆ COMBO-17
  - ◆ NASA: Spitzer Space Telescope; GALEX
  - ◆ Anglo-Australian Telescope
  - ◆ Giant Metrewave Radio Telescope
330. [The STAGES view of red spirals and dusty red galaxies: mass-dependent quenching of star formation in cluster infall](#)  
 Author(s): Wolf C, Aragon-Salamanca A, Balogh M, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
 Volume: 393 Issue: 4 Pages: 1302-1323 Published: MAR 11 2009
- ◆ STAGES data set:
    - COBO-17= ESO (La Silla): 2.2m MPG/ WFI ;
    - Spitzer/MIPS;
    - Hubble/ ACS (ESA)
  - ◆ Otros: XMM (ESA), GMRT and GALEX
331. [Linking two consecutive nonmerging magnetic clouds with their solar sources](#)  
 Author(s): Dasso S, Mandrini CH, Schmieder B, et al.  
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 Volume: 114 Article Number: A02109 Published: FEB 28 2009
- ◆ ESA/NASA: SOHO (TRACE data. EIT, LASCO, and MDI data)
  - ◆ CME catalog
332. [DISCOVERY OF A GIANT STELLAR TIDAL STREAM AROUND THE DISK GALAXY NGC 4013](#)  
 Author(s): Martinez-Delgado D, Pohlen M, Gabany RJ, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 692 Issue: 2 Pages: 955-963  
 Published: FEB 20 2009
- ◆ ORM: INT/ WFC
  - ◆ KPNO 0.9 m Telescope
  - ◆ 0.5 m telescope of the Black Bird Remote Observatory (BBRO)
  - ◆ SDSS
333. [WAVE PROPAGATION AND SHOCK FORMATION IN DIFFERENT MAGNETIC STRUCTURES](#)  
 Author(s): Centeno R, Collados M, Bueno JT  
 Source: ASTROPHYSICAL JOURNAL Volume: 692 Issue: 2 Pages: 1211-1220  
 Published: FEB 20 2009
- ◆ OT: VTT/TIP

334. [INTEGRAL AND XMM-NEWTON SPECTROSCOPY OF GX 339-4 DURING HARD/SOFT INTERMEDIATE AND HIGH/SOFT STATES IN THE 2007 OUTBURST](#)  
 Author(s): Caballero-Garcia MD, Miller JM, Trigo MD, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 692 Issue: 2 Pages: 1339-1353 Published: FEB 20 2009  
 ♦ **ESA: INTEGRAL; XMM-Newton**
335. [DYNAMICAL EVOLUTION OF AGN HOST GALAXIES-GAS IN/OUT-FLOW RATES IN SEVEN NUGA GALAXIES](#)  
 Author(s): Haan S, Schinnerer E, Emsellem E, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 692 Issue: 2 Pages: 1623-1661 Published: FEB 20 2009  
 ♦ **IRAM: PdBI**  
 ♦ **NRAO: VLA**
336. [CAIXA: a catalogue of AGN in the XMM-Newton archive I. Spectral analysis](#)  
 Author(s): Bianchi S, Guainazzi M, Matt G, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 2 Pages: 421-430 Published: FEB 2009  
 ♦ **ESA: XMM-Newton**
337. [Integral field spectroscopy of two radio galaxies at z similar to 2.3](#)  
 Author(s): Sanchez SF, Humphrey A  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 2 Pages: 471-478 Published: FEB 2009  
 ♦ **CAHA: 3.5m/ PMAS**
338. [Post common envelope binaries from SDSS IV. SDSS J121258.25-012310.1, a new eclipsing system](#)  
 Author(s): Gomez-Moran AN, Schwobe AD, Schreiber MR, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 2 Pages: 561-569 Published: FEB 2009  
 ♦ **OT: IAC-80**  
 ♦ **Magellan Clay telescope**  
 ♦ **2MASS**
339. [CEPHEID VARIABLE STARS IN THE PEGASUS DWARF IRREGULAR GALAXY: CONSTRAINTS ON THE STAR FORMATION HISTORY](#)  
 Author(s): Meschin I, Gallart C, Aparicio A, et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 137 Issue: 3 Pages: 3619-3631 Published: MAR 2009  
 ♦ **ORM: INT/ WFC; NOT/ BROCAM/ WRIGHT; WHT/ PFIC**  
 ♦ **Las Campanas: Du Pont 2.5 m/ TEK5**  
 ♦ **Kitt Peak: WIYN/ S2KB**  
 ♦ **Palomar: Hale 5 m/ TEK3**

340. [MAMBO 1.2 mm OBSERVATIONS OF LUMINOUS STARBURSTS AT  \$z\$  similar to 2 IN THE SWIRE FIELDS](#)  
 Author(s): Lonsdale CJ, Polletta MD, Omont A, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 692 Issue: 1 Pages: 422-442  
 Published: FEB 10 2009
- ◆ IRAM: 30m/ MAMBO
  - ◆ NASA: Spitzer/ IRAC/ MIPS
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 Author(s): Cornelisse R, D'Avanzo P, Munoz-Darias T, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 1 Pages: L1-L4  
 Published: FEB 2009
- ◆ ESO (Paranal): VLT/FORS1
342. [Internal dynamics of the galaxy cluster Abell 959](#)  
 Author(s): Boschin W, Barrena R, Girardi M  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 1 Pages: 15-26  
 Published: FEB 2009
- ◆ ORM: TNG
  - ◆ NASA/IPAC Extragalactic Database (NED)
  - ◆ SDSS
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 Author(s): Santiago-Garcia J, Tafalla M, Johnstone D, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 1 Pages: 169-181  
 Published: FEB 2009
- ◆ IRAM: PdBI
  - ◆ NASA: Spitzer
  - ◆ SIMBAD database
344. [Testing magnetically confined wind shock models for beta Cephei using XMM-Newton and Chandra phase-resolved X-ray observations](#)  
 Author(s): Favata F, Neiner C, Testa P, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 495 Issue: 1 Pages: 217-229  
 Published: FEB 2009
- ◆ ESA: XMM-Newton
  - ◆ NASA: Chandra
  - ◆ BeSS database
345. [The accretion powered spin-up of GRO J1750-27](#)  
 Author(s): Shaw SE, Hill AB, Kuulkers E, et al.  
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 Volume: 393 Issue: 2 Pages: 419-428  
 Published: FEB 21 2009
- ◆ ESA: INTEGRAL
  - ◆ NASA: Swift

346. [OBSERVATION OF SOLAR WIND CHARGE EXCHANGE EMISSION FROM EXOSPHERIC MATERIAL IN AND OUTSIDE EARTH'S MAGNETOSHEATH 2008 SEPTEMBER 25](#)  
 Author(s): Snowden SL, Collier MR, Cravens T, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 691 Issue: 1 Pages: 372-381  
 Published: JAN 20 2009  
 ♦ ESA: XMM-Newton
347. [OPTICAL CHARACTERIZATION OF A NEW YOUNG STELLAR POPULATION IN THE SERPENS MOLECULAR CLOUD](#)  
 Author(s): Oliveira I, Merin B, Pontoppidan KM, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 691 Issue: 1 Pages: 672-686  
 Published: JAN 20 2009  
 ♦ ORM: WHT/ WYFFOS; TNG/ DOLORES  
 ♦ CAHA: 2.2m/ CAFOS
348. [DETECTION OF CHROMATIC MICROLENSING IN Q 2237+0305 A](#)  
 Author(s): Mosquera AM, Munoz JA, Mediavilla E  
 Source: ASTROPHYSICAL JOURNAL Volume: 691 Issue: 2 Pages: 1292-1299  
 Published: FEB 1 2009  
 ♦ ORM: NOT/ ALFOC
349. [ABSOLUTE PROPERTIES OF THE LOW-MASS ECLIPSING BINARY CM DRACONIS](#)  
 Author(s): Morales JC, Ribas I, Jordi C, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 691 Issue: 2 Pages: 1400-1411  
 Published: FEB 1 2009  
 ♦ ORM: LT  
 ♦ Otros: Fairborn Observatory; Palomar Observatory; Ondřejov observatory; Whipple Observatory
350. [KINEMATIC PROPERTIES AND STELLAR POPULATIONS OF FAINT EARLY-TYPE GALAXIES. II. LINE-STRENGTH MEASUREMENTS OF CENTRAL COMA GALAXIES](#)  
 Author(s): Matkovic A, Guzman R, Sanchez-Blazquez P, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 691 Issue: 2 Pages: 1862-1878  
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 ♦ ORM: INT/ WFC  
 ♦ WIYN 3.5 m telescope/Hydra
351. [An HST/WFPC2 survey of bright young clusters in M31 I. VdB0, a massive star cluster seen at t similar or equal to 25 Myr](#)  
 Author(s): Perina S, Barmby P, Beasley MA, et al.  
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 ♦ ESA/NASA. Hubble/ ACS/ WFPC2
352. [Discovery of slow X-ray pulsations in the high-mass X-ray binary 4U 2206+54](#)  
 Author(s): Reig P, Torrejon JM, Negueruela I, et al.

Source: ASTRONOMY & ASTROPHYSICS Volume: 494 Issue: 3 Pages: 1073-1082 Published: FEB 2009

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  - ◆ INTEGRAL Science Data Center (ISDC)
353. [A deep look into the cores of young clusters I. sigma-Orionis](#)  
Author(s): Bouy H, Huelamo N, Martin EL, et al.  
Source: ASTRONOMY & ASTROPHYSICS Volume: 493 Issue: 3 Pages: 931-946 Published: JAN 2009
- ◆ [ESO \(Paranal\): VLT/MAD; VLT/NACO \(archivo\)](#)
  - ◆ [ESO \(La Silla\): NTT/SOFI \(archivo\)](#)
  - ◆ NASA: Spitzer (archivo)
354. [On the nature of the extragalactic number counts in the K-band](#)  
Author(s): Barro G, Gallego J, Perez-Gonzalez PG, et al.  
Source: ASTRONOMY & ASTROPHYSICS Volume: 494 Issue: 1 Pages: 63-79 Published: JAN 2009
- ◆ [CAHA: 3.5m](#)
  - ◆ [ORM: WHT](#)
  - ◆ NASA: Spitzer Space Telescope; GALEX
  - ◆ Subaru Telescope
  - ◆ Canada-France-Hawaii Telescope (CFHT)
355. [Markov properties of solar granulation](#)  
Author(s): Ramos AA  
Source: ASTRONOMY & ASTROPHYSICS Volume: 494 Issue: 1 Pages: 287-294 Published: JAN 2009
- ◆ [ESA: Hinode/ SOT](#)
356. [A cool starspot or a second transiting planet in the TrES-1 system?](#)  
Author(s): Rabus M, Alonso R, Belmonte JA, et al.  
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- ◆ [ESA/NASA: Hubble](#)
  - ◆ [OT: IAC-80](#)
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Author(s): Prat L, Rodriguez J, Bel MC, et al.  
Source: ASTRONOMY & ASTROPHYSICS Volume: 494 Issue: 2 Pages: L21-L24 Published: FEB 2009
- ◆ [ESA: INTEGRAL; XMM-Newton](#)
  - ◆ NASA: Swift
  - ◆ RXTE

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 Author(s): Saviane I, Exter K, Tsamis Y, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 494 Issue: 2 Pages: 515-525 Published: FEB 2009
- ◆ ESO (Paranal): VLT/ FORS
  - ◆ NASA/IPAC Extragalactic Database (NED)
359. [New BVRI photometry results on Kuiper Belt Objects from the ESO VLT](#)  
 Author(s): Santos-Sanz P, Ortiz JL, Barrera L, et al.  
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- ◆ ESO (Paranal): VLT-Antu/ FORS
360. [On the frequency of N<sub>2</sub>H<sup>+</sup> and N<sub>2</sub>D<sup>+</sup>](#)  
 Author(s): Pagani L, Daniel F, Dubernet ML  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 494 Issue: 2 Pages: 719-727 Published: FEB 2009
- ◆ IRAM: 30m
  - ◆ GBT: 100m
361. [STARMIND: A FUZZY LOGIC KNOWLEDGE-BASED SYSTEM FOR THE AUTOMATED CLASSIFICATION OF STARS IN THE MK SYSTEM](#)  
 Author(s): Manteiga M, Carricajo I, Rodriguez A, et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 137 Issue: 2 Pages: 3245-3253 Published: FEB 2009
- ◆ ORM: NOT
  - ◆ SIMBAD database
362. [MULTIWALENGTH STUDY OF THE BRIGHT X-RAY SOURCE POPULATION IN THE INTERACTING GALAXIES NGC5774/NGC5775](#)  
 Author(s): Ghosh KK, Saripalli L, Gandhi P, et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 137 Issue: 2 Pages: 3263-3285 Published: FEB 2009
- ◆ ORM: TNG/DOLORES; WHT/ISIS
  - ◆ NASA/IPAC Extragalactic Database (NED)
  - ◆ 2MASS
  - ◆ Multimission Archive (MAST)
  - ◆ Chandra Data Archive
363. [THE JUNE 2008 FLARE OF MARKARIAN 421 FROM OPTICAL TO TeV ENERGIES](#)  
 Author(s): Donnarumma I, Vittorini V, Vercellone S, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 691 Issue: 1 Pages: L13-L19 Published: JAN 20 2009
- ◆ ORM: MAGIC
  - ◆ AGILE
  - ◆ WEBT (optical)

- ◆ VERITAS
  
- 364. [CARBON AND NITROGEN ABUNDANCES IN EARLY-TYPE GALAXIES](#)  
 Author(s): Toloba E, Sanchez-Blazquez P, Gorgas J, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 691 Issue: 2  
 Pages: L95-L98 Published: FEB 1 2009
- ◆ ORM: WHT/ ISIS
  
- 365. [DISCOVERY OF A VERY HIGH ENERGY GAMMA-RAY SIGNAL FROM THE 3C 66A/B REGION](#)  
 Author(s): Aliu E, Anderhub H, Antonelli LA, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 692 Issue: 1  
 Pages: L29-L33 Published: FEB 10 2009
- ◆ ORM:MAGIC
  
- 366. [EARLY SPECTROSCOPIC IDENTIFICATION OF SN 2008D](#)  
 Author(s): Malesani D, Fynbo JPU, Hjorth J, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 692 Issue: 2  
 Pages: L84-L87 Published: FEB 20 2009
- ◆ ESO (Paranal): VLT/ FORS2
- ◆ ORM: NOT/ ALFOSC; WHT/ ISIS
- ◆ UKIRT
  
- 367. [The XMM-Newton long look of NGC 1365: uncovering of the obscured X-ray source](#)  
 Author(s): Risaliti G, Salvati M, Elvis M, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
 Volume: 393 Issue: 1 Pages: L1-L5 Published: FEB 11 2009
- ◆ ESA: XMM-Newton
  
- 368. [THE HIGH-MASS END OF THE BLACK HOLE MASS FUNCTION: MASS ESTIMATES IN BRIGHTEST CLUSTER GALAXIES](#)  
 Author(s): Bonta ED, Ferrarese L, Corsini EM, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 690 Issue: 1 Pages: 537-559  
 Published: JAN 1 2009
- ◆ ESA/NASA: Hubble
- ◆ ESO (La Silla): NTT/ EMMI
  
- 369. [XMM-NEWTON VIEW OF THE MULTIPHASE WARM ABSORBER IN SEYFERT 1 GALAXY NGC 985](#)  
 Author(s): Krongold Y, Jimenez-Bailon E, Santos-Lleo M, et al.  
 Source: ASTROPHYSICAL JOURNAL Volume: 690 Issue: 1 Pages: 773-782  
 Published: JAN 1 2009
- ◆ ESA: XMM-Newton
  
- 370. [DISCOVERY OF FULMINIC ACID, HCNO, IN DARK CLOUDS](#)  
 Author(s): Marcelino N, Cernicharo J, Tercero B, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 690 Issue: 1  
 Pages: L27-L30 Published: JAN 1 2009

- ◆ IRAM: 30m
371. [FIRST DETECTION OF GLYCOLALDEHYDE OUTSIDE THE GALACTIC CENTER](#)  
 Author(s): Beltran MT, Codella C, Viti S, et al.  
 Source: ASTROPHYSICAL JOURNAL LETTERS Volume: 690 Issue: 2  
 Pages: L93-L96 Published: JAN 10 2009
- ◆ IRAM: PdBI
372. [Two new large-separation gravitational lenses from SDSS](#)  
 Author(s): Belokurov V, Evans NW, Hewett PC, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
 Volume: 392 Issue: 1 Pages: 104-112 Published: JAN 1 2009
- ◆ CAHA: 3.5 m
  - ◆ ORM: INT; WHT
  - ◆ 6 m at the Special Astrophysical Observatory (SAO)
  - ◆ SDSS
373. [Multiwavelength spectral and high time resolution observations of SWIFT J1753.5-0127: new activity?](#)  
 Author(s): Durant M, Gandhi P, Shahbaz T, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
 Volume: 392 Issue: 1 Pages: 309-324 Published: JAN 1 2009
- ◆ ORM: NOT/ALFOSC; WHT/ISIS; Mercator/Merope
  - ◆ ESO (Paranal): VLT/FORS2/ULTRACAM
  - ◆ ESA: INTEGRAL
  - ◆ RXTE (Rossi X-Ray Timing Explorer)
374. [The pulsating hot subdwarf Balloon 090100001: results of the 2005 multisite campaign](#)  
 Author(s): Baran A, Oreiro R, Pigulski A, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
 Volume: 392 Issue: 3 Pages: 1092-1105 Published: JAN 21 2009
- ◆ OT: IAC80
  - ◆ Otros: Mt Suhora (0.6m); Baker (0.4 m); Lulin (1 m); Sobaeksan (0.6m); Mauna Kea (0.6 m); Mt. Lemmon (1m); Sierra Nevada (0.9 m)
375. [GEMINI 3D spectroscopy of BAL plus IR plus Fe II QSOs - I. Decoupling the BAL, QSO, starburst, NLR, supergiant bubbles and galactic wind in Mrk 231](#)  
 Author(s): Lipari S, Sanchez SF, Bergmann M, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
 Volume: 392 Issue: 4 Pages: 1295-1338 Published: FEB 1 2009
- ◆ ORM: NOT; WHT/ INTEGRAL
  - ◆ ESA/NASA: Hubble
  - ◆ Gemini Observatory
  - ◆ KPNO

376. [WASP-14b: 7.3 M-J transiting planet in an eccentric orbit](#)  
 Author(s): Joshi YC, Pollacco D, Cameron AC, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
 Volume: 392 Issue: 4 Pages: 1532-1538 Published: FEB 1 2009
- ◆ **ORM: SuperWASP; LT/ RISE; NOT/ FIES**
  - ◆ Las Cumbres Observatory, S. Arizona's 81-cm Tenagra robotic telescope
  - ◆ Keele University Observatory 60-cm telescope
  - ◆ Observatoire de Haute-Provence/SOPHIE
377. [WASP-10b: a 3M\(J\), gas-giant planet transiting a late-type K star](#)  
 Author(s): Christian DJ, Gibson NP, Simpson EK, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
 Volume: 392 Issue: 4 Pages: 1585-1590 Published: FEB 1 2009
- ◆ **ORM: superWASP/SOPHIE; NOT/FIES; Mercator/MEROPE**
  - ◆ Las Cumbres Observatory Global Telescope Network: Tenagra
378. [An extreme EXO: a type 2 QSO at z=1.87](#)  
 Author(s): Del Moro A, Watson MG, Mateos S, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 493 Issue: 2 Pages: 445-451 Published: JAN 2009
- ◆ **ORM: NOT/ALFOSC**
  - ◆ UKIRT optical/NIR photometric data
  - ◆ 2XMMp X-ray data
  - ◆ Subaru MOIRCS IR spectroscopy
  - ◆ SDSS-DR5
379. [MAGIC observations of PG 1553+113 during a multiwavelength campaign in July 2006](#)  
 Author(s): Albert J, Aliu E, Anderhub H, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 493 Issue: 2 Pages: 467-469 Published: JAN 2009
- ◆ **ORM:MAGIC**
380. [Possible pingo fields in the Utopia basin, Mars: Geological and climatological implications](#)  
 Author(s): de Pablo MA, Komatsu G  
 Source: ICARUS Volume: 199 Issue: 1 Pages: 49-74 Published: JAN 2009
- ◆ **ESA: Mars Express (MEx) spacecraft/HRSC**
  - ◆ Mars Global Surveyor (MGS) spacecraft/MOC
  - ◆ Mars Odyssey (MO) spacecraft/THEMIS
381. [CHARACTERIZATION OF ACTIVE GALACTIC NUCLEI AND THEIR HOSTS IN THE EXTENDED GROTH STRIP: A MULTIWAVELENGTH ANALYSIS](#)  
 Author(s): Almeida CR, Espinosa JMR, Barro G, et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 137 Issue: 1 Pages: 179-196  
 Published: JAN 2009
- ◆ **ESA: XMM-Newton; Hubble**
  - ◆ NASA: Spitzer; GALEX; Hale Telescope; Chandra Data Archive (CDA)

- ◆ CFHT/ MegaPrime/MegaCam
  
- 382. [THE ACS SURVEY OF GALACTIC GLOBULAR CLUSTERS. VI. NGC 6366: A HEAVILY STRIPPED GALACTIC GLOBULAR CLUSTER](#)  
 Author(s): Paust NEQ, Aparicio A, Piotto G, et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 137 Issue: 1 Pages: 246-256  
 Published: JAN 2009
- ◆ ESA/ NASA: Hubble/ ACS
  
- 383. [THE ACS NEARBY GALAXY SURVEY TREASURY. I. THE STAR FORMATION HISTORY OF THE M81 OUTER DISK](#)  
 Author(s): Williams BF, Dalcanton JJ, Seth AC, et al.  
 Source: ASTRONOMICAL JOURNAL Volume: 137 Issue: 1 Pages: 419-430  
 Published: JAN 2009
- ◆ ESA/ NASA: Hubble/ ACS
  
- 384. [High spatial resolution Galactic 3D extinction mapping with IPHAS](#)  
 Author(s): Sale SE, Drew JE, Unruh YC, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
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- ◆ ORM: INT (IPHAS data base)
- ◆ SIMBAD data base
  
- 385. [Near-infrared/optical counterparts of hotspots in radio galaxies](#)  
 Author(s): Mack KH, Prieto MA, Brunetti G, et al.  
 Source: MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY  
 Volume: 392 Issue: 2 Pages: 705-717 Published: JAN 11 2009
- ◆ ESO (Paranal): VLT/ FORS/ ISAAC
- ◆ NRAO: VLA
- ◆ NASA/IPAC Extragalactic Data base (NED)
  
- 386. [The XMM-Newton serendipitous survey VI. The X-ray luminosity function](#)  
 Author(s): Ebrero J, Carrera FJ, Page MJ, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 493 Issue: 1 Pages: 55-69  
 Published: JAN 2009
- ◆ ESA: XMM-Newton
- ◆ NASA: Chandra; ASCA; ROSAT
- ◆ NASA/IPAC Extragalactic Database (NED)
- ◆ SIMBAD database
  
- 387. [The open cluster Pismis 11 and the very luminous blue supergiant HD 80077 I. Physical parameters of the cluster](#)  
 Author(s): Marco A, Negueruela I  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 493 Issue: 1 Pages: 79-88
- ◆ ESO (La Silla): NTT/ EMMI
- ◆ 2MASS

388. [Variations in the dip properties of the low-mass X-ray binary XB 1254-690 observed with XMM-Newton and INTEGRAL](#)  
 Author(s): Trigo MD, Parmar AN, Boirin L, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 493 Issue: 1 Pages: 145-157 Published: JAN 2009  
 ♦ ESA: XMM-Newton; INTEGRAL
389. [The XMM-Newton serendipitous survey V. The Second XMM-Newton serendipitous source catalogue](#)  
 Author(s): Watson MG, Schroder AC, Fyfe D, et al.  
 Source: ASTRONOMY & ASTROPHYSICS Volume: 493 Issue: 1 Pages: 339-373 Published: JAN 2009  
 ♦ ESA: XMM-Newton/ EPIC
390. [MONS OT J004240.69+405142.0: An orphan GRB optical afterglow candidate in Andromeda?](#)  
 Author(s): Marcos RD, CD, McGoldrick KM, et al.  
 Source: NEW ASTRONOMY Volume: 14 Issue: 3 Pages: 214-220  
 Published: APR 2009  
 ♦ OT: MONS  
 ♦ Swift data archive
391. [A serendipitous XMM-Newton observation of MACHO 104.20906.960: A dwarf nova candidate with a 2 h period](#)  
 Author(s): Nucita AA, Carpano S, De Paolis F, et al.  
 Source: NEW ASTRONOMY Volume: 14 Issue: 3 Pages: 302-306 Published: APR 2009  
 ♦ ESA: XMM-Newton
392. [Enhanced lithium depletion in Sun-like stars with orbiting planets](#)  
 Author(s): Israelian G, Mena ED, Santos NC, et al.  
 Source: NATURE Volume: 462 Issue: 7270 Pages: 189-191 Published: NOV 12 2009  
 ♦ ESO (Paranal): VLT/ Giraffe
393. [A gamma-ray burst at a redshift of z approximate to 8.2](#)  
 Author(s): Tanvir NR, Fox DB, Levan AJ, et al.  
 Source: NATURE Volume: 461 Issue: 7268 Pages: 1254-1257 Published: OCT 29 2009  
 ♦ ESO (Paranal): VLT/ ISAAC  
 ♦ ESO (La Silla): 2.2m MPI  
 ♦ Datos previos: Burst Alert Telescope (BAT); Swift's X-ray Telescope (XRT); United Kingdom Infrared Telescope (UKIRT); Gemini North 8-m telescope; MPI/ESO 2.2-m telescope; Gemini South; VLT  
 ♦ Gemini Observatory

394. [GRB 090423 at a redshift of z approximate to 8.1](#)  
 Author(s): Salvaterra R, Della Valle M, Campana S, et al.  
 Source: NATURE Volume: 461 Issue: 7268 Pages: 1258-1260 Published: OCT 29 2009
- ◆ ORM: TNG/ NICS
  - ◆ BAT
  - ◆ KRT
395. [Earth's transmission spectrum from lunar eclipse observations](#)  
 Author(s): Pale E, Osorio MRZ, Barrena R, et al.  
 Source: NATURE Volume: 459 Issue: 7248 Pages: 814-816 Published: JUN 11 2009
- ◆ ORM: NOT; WHT
396. [Broad line emission from iron K- and L-shell transitions in the active galaxy 1H 0707-495](#)  
 Author(s): Fabian AC, Zoghbi A, Ross RR, et al.  
 Source: NATURE Volume: 459 Issue: 7246 Pages: 540-542 Published: MAY 28 2009
- ◆ ESA: XMM-Newton
397. [A low-energy core-collapse supernova without a hydrogen envelope](#)  
 Author(s): Valenti S, Pastorello A, Cappellaro E, et al.  
 Source: NATURE Volume: 459 Issue: 7247 Pages: 674-677 Published: JUN 4 2009
- ◆ ORM: TNG; NOT; LT
  - ◆ CAHA
  - ◆ ESO (Paranal): VLT/ FORS2
  - ◆ Ekar (Asiago Observatory, Italy)
  - ◆ Begues Observatory and Arguines Observatory telescopes (Barcelona and Segorbe, Spain),
  - ◆ Taurus Hill Observatory (Varkaus, Finland)
398. [Radio Imaging of the Very-High-Energy gamma-Ray Emission Region in the Central Engine of a Radio Galaxy](#)  
 Author(s): Acciari VA, Aliu E, Arlen T, et al.  
 Source: SCIENCE Volume: 325 Issue: 5939 Pages: 444-448 Published: JUL 24 2009
- ◆ ORM: MAGIC
  - ◆ VERITAS (Very Energetic Radiation Imaging Telescope Array System)
  - ◆ VLBA