

**Structure et évolution des astres****Publications 2004-2006****SAP****2004****Articles de revues**

AHARONIAN F., GORET P. ; et al.

**High-energy particle acceleration in the shell of a supernova remnant.***Nature* Vol. 432 Numéro 7013 (2004) 75-77

AHARONIAN F., GORET P. ; et al.

**Very high energy gamma rays from the direction of Sagittarius A.***Astronomy and Astrophysics* Vol. 425 Numéro 1 (2004) L13-L17

AMARI T., LUCIANI J. ; ALY J.J.

**Coronal MHD evolution driven by subphotospheric conditions***Astrophysical Journal, Letters* Vol. 615 (2004) 165

ANDRE P., BELLOCHE A. ; HENNEBELLE P. ; WARD-THOMPSON D.

**Detailed studies of Cloud Cores: probing the initial conditions for protostellar collapse***Baltic Astronomy* Vol. 13 (2004) 392

BALLOT J., TURCK-CHIÈZE S. ; GARCIA R.A.

**Seismic extraction of the convective extent in solar-like stars. The observational point of view***Astronomy and Astrophysics* Vol. 423 Numéro 3 (2004) 1051

BASSANI L., BELANGER G. ; LEBRUN F.

**17 new identified INTEGRAL sources***The Astronomer's Telegram* Numéro 232 (2004)

BELANGER G., et al.

**Detection of hard X-ray emission from the galactic nuclear region with INTEGRAL***Astrophysical Journal, Letters* Vol. 601 Numéro 2 (2004) L163

BELLOCHE A., ANDRE P.

**Disappearance of N<sub>2</sub>H<sup>+</sup> from the gas phase in the class 0 protostar IRAM 04191***Astronomy and Astrophysics* Vol. 419L (2004) 35

BIRD A.J., LEBRUN F.

**The first IBIS/ISGRI soft gamma-ray Galactic Plane survey catalog***Astrophysical Journal* Vol. 607 Numéro 1 (2004) L33

BLANC G., VIGROUX L. ; SPIRO M.

**Type Ia supernova rate at a redshift of 0.1***Astronomy and Astrophysics* Vol. 423 (2004) 881

BODAGHEE A., MOWLAVI N. ; BALLEST J.

**Burst in 1E 1145.1-6141***The Astronomer's Telegram* Vol. #290 (2004) 1

BOUQUET S., CHIEZE J. ; THAIS F. ; et al.

**Observations of laser driven supercritical radiative shock precursors***Physical Review Letters* Vol. 92 Numéro 22 (2004) 5001

BOUQUET S., CHIEZE J.P. ; THAIS F.

**Observation of laser driven supercritical radiative shock precursors**

*Physical Review Letters* Vol. 92 Numéro 22 (2004) 225001

BRANDT, S., GOLDONI P. ; BELANGER G. ; GOLDWURM A.

**Long duration x-ray burst from GX 3+1**

*The Astronomer's Telegram* Numéro 327 (2004)

BRUN A., et al.

**Global-scale turbulent convection and magnetic dynamo action in the solar envelope**

*Astrophysical Journal* Vol. 614 (2004) 1073-1098.

BRUN A.S.

**I. Comprendre l'astre soleil. Encadré B: Des spectres qui en disent long. Les simulations magnétohydrodynamiques du soleil**

*Clefs CEA* Vol. 49 (2004) 30

BRUN A.S., ZAHN J.P.

**Vers une compréhension dynamique des étoiles: Simulations 3-D de la turbulence et du magnétisme stellaires**

*La Lettre de l'IDRIS* Numéro 7 (2004) 1

BYKOV A.M., LEBRUN F. ; TERRIER R. ; et al.

**Hard X-ray emission clumps in the  $\gamma$ -Cygni supernova remnant : An INTEGRAL-ISGRI view.**

*Astronomy and Astrophysics* Vol. 427 Numéro 3 (2004) L21-L24

CADOLLE BEL M., RODRIGUEZ J. ; SIZUN P. ; GOLDWURM A. ; GOLDONI P. ; CORBEL S. ; et al.

**High-energy observations of the state transition of the X-ray nova and black hole candidate XTE J1720-318**

*Astronomy and Astrophysics* Vol. 426 Numéro 2 (2004) 659

CASSAM CHENAI G., DECOURCHELLE A. ; BALLEST J. ; et al.

**XMM-Newton observation of Kepler's supernova remnant**

*Astronomy and Astrophysics* Vol. 414 (2004) 545

CASSAM CHENAI G., DECOURCHELLE A. ; BALLEST J. ; SAUVAGEOT J. ; DUBNER G. ; GIACAMI E.

**XMM-Newton observations of the supernova remnant RX J1713.7-3946 and its central source observations of SNR RX J1713.7-3946**

*Astronomy and Astrophysics* Vol. 427 (2004) 199

CASSE M., CORDIER B. ; PAUL J. ; SCHANNE S.

**Hypernovae/Gamma-Ray bursts in the galactic center as possible sources of galactic positrons**

*Astrophysical Journal, Letters* Vol. 602 (2004) 17

CHAPUIS C., CORBEL S.

**On the optical extinction and distance of GRS 1915+105**

*Astronomy and Astrophysics* Vol. 414 Numéro 2 (2004) 659

CHERMYAKOVA M., ATTIE D. ; et al.

**Transition to a hard state of IRIXP J130159.6-635806**

*The Astronomer's Telegram* (2004) #251

COMBI J.A., RIBO M. ; MIRABEL I. ; SUGIZAKI M.

**The dust-enshrouded microquasar candidate AX J1639.0-4642 = IGR J16393-4643**

*Astronomy and Astrophysics* Vol. 422 Numéro 3 (2004) 1031

COMBI J.A., RIBO M. ; MIRABEL I. ; et al.

**Optical polarimetric observations of the microquasar LS 5039**

*Astronomy and Astrophysics* Vol. 427 Numéro 3 (2004) 959

CORBEL S., EIKENBERRY S.S.

**The connection between W31, SGR 1806-20, & LBV 1806-20: Distance, Extinction, and Structure**

*Astronomy and Astrophysics* Vol. 419 Numéro 1 (2004) 191

CORBEL S., FENDER R.P. ; TOMSICK J.A. ; TZIOUMIS A. ; TINGAY S.

**On the origin of radio emission in the x-ray states of XTE J1650-500 during the 2001-2002 outburst**

*Astrophysical Journal* Vol. 617 Numéro 2 (2004) 1272

CORBEL S.

**Watching black holes spin**

*Science* Vol. 303 Numéro 5663 (2004) 1480

COVINO S., FILLIATRE P.J. ; GOLDONI P. ; PAUL J.

**The multi-frequency robotic facility REM: first results**

*Astronomische Nachrichten* Vol. 325 Numéro 06-08 (2004) 543

DECOURCHELLE A.

**Elemental composition and distribution in SNRs: X-ray spectroscopy**

*New Astronomy Reviews* Vol. 48 Numéro 01-04 (2004) 75

DI COCCO G., CHATY S. ; GRENIER I. ; MIRABEL I.F. ; ET AL.

**INTEGRAL observation of 3EG J1736-2908.**

*Astronomy and Astrophysics* Vol. 425 Numéro 1 (2004) 89-93

DI FRANCESCO J., ANDRE P. ; MYERS P.C.

**Quiescent dense gas in protostellar clusters: the Ophiuchus A core**

*Astrophysical Journal* Vol. 617 (2004) 425

DUCHÊNE G., BONTEMPS S. ; ANDRE P. ; MOTTE F. ; et al.

**Multiple protostellar systems. I. A deep near infrared survey of Taurus and Ophiuchus protostellar objects**

*Astronomy and Astrophysics* Vol. 427 (2004) 651

EIKENBERRY S.S., CORBEL S.

**Infrared observations of the candidate LBV 1806-20 and nearby cluster stars**

*Astrophysical Journal* Vol. 616 Numéro 1 (2004) 506

ELISON D., DECOURCHELLE A. ; BALLEST J.

**Hydrodynamic Simulation of Supernova Remnants Including Efficient Particle Acceleration**

*Astronomy and Astrophysics* Vol. 413 (2004) 189

ELMHAMDI A., DANZIGER I.J. ; CAPPELLARO E. ; DELLA VALLE M. ; GOUIFFES C. ; PHILLIPS M.M. ; TURATTO M.

**SN Ib 1990I: Clumping and dust in the ejecta?**

*Astronomy and Astrophysics* Vol. 426 Numéro 3 (2004) 963-977

FILLIATRE P.J., CHATY S.

**The optical/NIR counterpart of the INTEGRAL obscured source IGR J16318-4848 : a sgB(e) in a HMXB ?**

*Astrophysical Journal* Vol. 616 Numéro 1 (2004) 469

FLASAR F.M., MEYER J. ; et al.

**Exploring the Saturn system in the thermal infrared: the composite infrared spectrometer.**  
*Space Science Reviews* Vol. 115 Numéro 01-04 (2004) 169-297

FLASAR F.M., FERRARI C.

**An intense stratospheric jet on Jupiter**  
*Nature* Vol. 427 Numéro 6970 (2004) 132

FALANGA M., GOLDONI P. ; GOLDWURM A.

**The discovery of hard X-ray emission in the persistent flux of the Rapid Burster**  
*Astronomy and Astrophysics* Vol. 426 (2004) 979-983.

FRANQUEIRA M., TAGGER M. ; GOMEZ DE CASTRO A.I.

**The ambipolar filamentation in the warm ionized medium**  
*Astrophysics and Space Science* Vol. 292 Numéro 01-04 (2004) 155-160

GALFALK -, ANDRE P. ; et al.

**ISOCAM observations of the L1551 star formation region**  
*Astronomy and Astrophysics* Vol. 420 (2004) 945

GALLO E., CORBEL S. ; et al.

**A transient large-scale relativistic radio jet from GX 339-4**  
*Monthly Notices of the Royal Astronomical Society* Vol. 347 Numéro 3 (2004) L52

GEHRELS N., LEBRUN F. ; PAUL J. ; et al.

**The Swift gamma-ray burst mission.**  
*Astrophysical Journal* Vol. 611 Numéro 2 (2004) 1005-1020

GOROSABEL J., GOLDONI P. ; LE FLOC'H E. ; MIRABEL I.F.

**GRB 020813: Polarization in the case of a smooth optical decay**  
*Astronomy and Astrophysics* Vol. 422 Numéro 1 (2004) 113

GÖTZ D., MIRABEL I.F.

**Spectral evolution of weak bursts from SGR 1806-20 observed with INTEGRAL**  
*Astronomy and Astrophysics* Vol. 417 Numéro 3 (2004) L45

GÖTZ D., MIRABEL I.F. ; et al.

**GRB 030131: a long Gamma-Ray Burst detected with INTEGRAL during a satellite slew.**  
*Nuclear Physics B, Proceedings Supplements* Vol. 132 (2004) 316-319

HANNIKAINEN D.C., RODRIGUEZ J.

**Discovery of a new INTEGRAL sources IGR J19140+0951**  
*Astronomy and Astrophysics* Vol. 423 (2004) L17

HENNEBELLE P., BELLOCHE A. ; WHITWORTH A. ; ANDRE P.

**Protostellar collapse induced by compression.**  
*Astrophysics and Space Science* Vol. 292 Numéro 01-04 (2004) 355-360

HONY S., BOUWMAN J.

**MgS is detached shells around carbon stars - Mining the mass-loss history**  
*Astronomy and Astrophysics* Vol. 413 Numéro 3 (2004) 981

JIMENEZ-REYES S.J., GARCIA R.A. ; et al.

**Tracing the 'acoustic' solar cycle: a direct comparison of BiSON and GOLF low-l p-mode variations**  
*Astrophysical Journal* Vol. 604 Numéro 2 (2004) 969

JIMENEZ-REYES S.J., GARCIA R.A. ; et al.

**On the spatial dependence of low-degree solar p-mode frequency shift from full-disc and resolved-sun observations**

*Astrophysical Journal, Letters* Vol. 610 Numéro 1 (2004) L65

KAAS A., BONTEMPS S. ; ANDRE P. ; MOTTE F. ; MONTMERLE T. ; et al.

**The young stellar population in the Serpens cloud core: an ISOCAM survey**

*Astronomy and Astrophysics* Vol. 421 Numéro 2 (2004) 623

KAAS A., ANDRE P. ; MOTTE F. ; et al.

**ISOCAM survey of YSOs in Serpens Cloud Core**

*Astronomy and Astrophysics* Vol. 421 (2004) 623

KIENER J., GROS M. ; ATTIE D. ; BAILLY I. ; CHAPUIS C. ; CORDIER B. ; SCHANNE S. ; TAUZIN G.

**New determinations of gamma-ray line intensities of the E-P=550 and 1747 keV resonances of the C-13 (p,gamma)N-14 reaction**

*Nuclear Instruments and Methods in Physics Research A-Accelerators, Spectrometers, Detectors and Associated Equipment* Vol. 519 Numéro 3 (2004) 623

KUNDE V.G., FERRARI C. ; et al.

**Jupiter's atmospheric composition from the Cassini thermal infrared spectroscopy experiment.**

*Science* Vol. 305 Numéro 5690 (2004) 1582-1586

LAZZATI D., GOLDONI P. ; LE FLOC'H E. ; MIRABEL I.F.

**On the jet structure and magnetic field configuration of GRB 020813**

*Astronomy and Astrophysics* Vol. 422 Numéro 1 (2004) 121

LEBRUN F., BAZZANO A. ; BELANGER G. ; BIRD A.J. ; GOLDWURM A. ; TERRIER R.

**Compact sources as the origin of the soft gamma-ray emission of the milky way**

*Nature* Vol. 428 Numéro 6980 (2004) 293

LESAFFRE P., CHIEZE J.P. ; CABRIT S. ; PINEAU DES FORÊTS G.

**Temporal evolution of magnetic molecular shocksII. Analytics of the steady state and semi-analytical construction of intermediate ages.**

*Astronomy and Astrophysics* Vol. 427 Numéro 1 (2004) 157-167

LESAFFRE P., CHIEZE J.P. ; CABRIT S. ; PINEAU DES FORÊTS G.

**Temporal evolution of magnetic molecular shocksI. Moving grid simulations**

*Astronomy and Astrophysics* Vol. 427 Numéro 1 (2004) 147-155

LUTOVINOV A., CADOLLE BEL M. ; BELANGER G. ; GOLDWURM A. ; PAUL J.

**IGRJ17331-2406**

*The Astronomer's Telegram* Numéro 328 (2004)

MALESANI D., GOLDONI P. ; MIRABEL I.F.

**Sn 2003lw and GRS 031203: A bright supernova for a faint gamma-ray burst**

*Astrophysical Journal* Vol. 609 Numéro 1 (2004) L5

MARTI J., RIBO M. ; et al.

**Optical spectroscopy of microquasar candidates at low galactic latitudes**

*Astronomy and Astrophysics* Vol. 413 Numéro 1 (2004) 309

MASETTI N., DUROUCHOUX PH. ; et al.

**Serpens X-1 observed by INTEGRAL.**

*Astronomy and Astrophysics* Vol. 423 Numéro 2 (2004) 651-656

MASSET F., OGILVIE G.I.

**On the saturation of corotation resonances: a numerical study**

*Astrophysical Journal* Vol. 615 Numéro 2 (2004) 1000-1010

MASSI M., RIBO M. ; et al.

**Hints for a fast precessing relativistic radio jet in LSI+61°303**

*Astronomy and Astrophysics* Vol. 414 Numéro 1 (2004) L1

MIRABEL I., RODRIGUES I. ; LIU Q.Z.

**A microquasar shot out from its birth place**

*Astronomy and Astrophysics* Vol. 422 Numéro 2 (2004) L29

MIRABEL I.F.

**Phenomenological analogies in black hole systems of all masses**

*Progress of Theoretical Physics Supplement* Vol. 155 (2004) 71

MOON D.S., KOCH-MIRAMOND L.

**PSR BL951\*32: A bow shock-confined X-ray nebula, a synchrotron knot, and an optical counterpart candidate**

*Astrophysical Journal* Vol. 610 Numéro 1 (2004) L33

OROSZ J.A., MCCLINTOCK J. ; REMILLARD A. ; CORBEL S.

**Orbital parameters for the black hole binary XTE J1650-500.**

*Astrophysical Journal* Vol. 616 Numéro 1 (2004) 376-382

OTAZU X., RIBO M. ; et al.

**Multiresolution approach for period determination on unevenly sampled data**

*Monthly Notices of the Royal Astronomical Society* Vol. 351 Numéro 1 (2004) 215

PAGANI L., MOTTE F.

**L183 (L134N) Revisited - II. The dust content**

*Astronomy and Astrophysics* Vol. 417 Numéro 2 (2004) 605

PAPOULAR R.

**Collisions between carbonaceous grains in the interstellar medium**

*Astronomy and Astrophysics* Vol. 414 Numéro 2 (2004) 573

PAUL J.

**Positrons in the universe**

*Nuclear Instruments and Methods in Physics Research B-Beam Interactions with Materials and Atoms* Vol. 221 (2004) 215

PETRUCCI P.O., FERRANDO P. ; KOCH-MIRAMOND L. ; et al.

**The XMM/BeppoSAX observation of Mkn 841.**

*Nuclear Physics B, Proceedings Supplements* Vol. 132 (2004) 213-216

PRODUIT N., BALLEST J. ; et al.

**New gamma-ray transient IGR J11305-6256 discovered by INTEGRAL**

*The Astronomer's Telegram* Vol. #278 (2004) 1

REVNIVTSEV M., GOLDWURM A. ; PAUL J.

**A hard X-ray sky survey with the SIGMA telescope of the GRANAT observatory**

*Astronomy Letters* Vol. 30 Numéro 8 (2004) 527

RODIGHERO G., LARI C. ; FADDA D. ; FRANCESCHINI A. ; ELBAZ D. ; CESARSKY C.

**ISOCAM observations in the Lockman Hole I. The 14.3  $\mu\text{m}$  deep survey: Data reduction, catalogue and source counts.**

*Astronomy and Astrophysics* Vol. 427 Numéro 3 (2004) 773-783

- RODRIGUEZ J., CORBEL S. ; KALEMCI E. ; TOMSICK J.A. ; TAGGER M.  
**An X-ray timing study of XTE J1550-564: evolution of the low frequency QPO for the complete 2000 outburst**  
*Astrophysical Journal* Vol. 612 (2004) 1018
- RODRIGUEZ J., CORBEL S. ; et al.  
**Spectral properties of low frequency quasi periodic oscillations in GRS 1915+105**  
*Astrophysical Journal* Vol. 615 Numéro 1 (2004) 416
- ROTHENFLUG R., BALLEST J. ; DUBNER G. ; GIACANI E. ; DECOURCHELLE A. ; FERRANDO P.  
**Geometry of the non-thermal emission in SN 1006 - Azimuthal variations of cosmic-ray acceleration**  
*Astronomy and Astrophysics* Vol. 425 (2004) 121
- SAKANO M., DECOURCHELLE A.  
**XMM-Newton observations of Sagittarius A East**  
*Monthly Notices of the Royal Astronomical Society* Vol. 350 Numéro 1 (2004) 129
- SCHUTZ O., PANTIN E. ; et al.  
**A search for circumstellar dust disks with ADONIS.**  
*Astronomy and Astrophysics* Vol. 424 Numéro 2 (2004) 613-618
- SHAW S.E., RODRIGUEZ J. ; et al.  
**INTEGRAL observations of the PSR B1259-63/SS2883 system after the 2004 periastron passage**  
*Astronomy and Astrophysics* Vol. 426 (2004) L33
- STAMATELLOS D., WHITWORTH A. ; ANDRE P. ; WARD-THOMPSON D.  
**Radiative transfer models of non-spherical prestellar cores**  
*Astronomy and Astrophysics* Vol. 420 (2004) 1009
- TAGGER M., VARNIERE P. ; RODRIGUEZ J. ; PELLAT R.  
**Magnetic floods: a scenario for the variability of the microquasar GRS 1915+105**  
*Astrophysical Journal* Vol. 607 (2004) 410
- TAILLET R., CASSE M.  
**The effects of discreteness of galactic cosmic-ray sources**  
*Astrophysical Journal* Vol. 609 (2004) 173
- TOMSICK J.A., GOLDWURM A. ; CORBEL S.  
**Two new INTEGRAL sources: IGR J15479-4529 and IGR J16418-4532**  
*The Astronomer's Telegram* (2004) 224
- TURCK-CHIÈZE S., GARCIA R.A. ; COUVIDAT S. ; BRUN A. ; et al.  
**Looking for gravity mode multiplets with the GOLF experiment aboard SoHO**  
*Astrophysical Journal* Vol. 604 Numéro 1 (2004) 455
- TURCK-CHIÈZE S., COUVIDAT S. ; PIAU L. ; FERGUSON J. ; LAMBERT P. ; BALLOT J. ; GARCIA R.A. ; NGHIEM P.  
**Surprising sun: A new step towards a complete picture ?**  
*Physical Review Letters* Vol. 93 Numéro 21 (2004)
- TÜRLER M., COURVOISIER T.L.J ; CHATY S. ; FUCHS Y.  
**Quasar jet emission model applied to the microquasar GRS 1915+105**  
*Astronomy and Astrophysics* Vol. 415 (2004) L35-L38
- VANZI L., SAUVAGE M.  
**Dust and super star clusters in NGC 5253**  
*Astronomy and Astrophysics* Vol. 415 Numéro 2 (2004) 509

WALTER R., BELANGER G. ; LEBRUN F.  
**14 new unidentified INTEGRAL sources**  
*The Astronomer's Telegram Numéro 229 (2004)*

**Proceedings parus dans des revues**

ANDRE P., BOUWMAN J. ; BELLOCHE A. ; HENNEBELLE P.  
**Submillimeter studies of prestellar cores and protostars: probing the initial conditions for protostellar collapse**  
*Ed. : KLUWER ; GOMEZ DE CASTRO A.I. ; Proc. in Astrophysics and Space Science Vol. 292 Numéro 01-04 (2004) 325*  
*International workshop on Magnetic Fields and Star Formation - Theory Versus Observations - 2003, Madrid, Espagne, 21/04/2003 - 25/04/2003*

BELANGER G., GOLDWURM A. ; GOLDONI P. ; PAUL J.  
**Preliminary maps of the galactic centre region with INTEGRAL**  
*Ed. : EDP Sciences ; Proc. (2004) 169*  
*Semaine de l'Astrophysique Française de la SF2A - 2003, Bordeaux, France, 16/06/2003 - 20/06/2003*

BONNET-BIDAUD J.M., et al.  
**The eclipsing bursting X-ray binary EXO 0748-676 with EPIC on XMM-Newton**  
*Ed. : Società Astronomica Italiana ; Proc. in Memorie della Società Astronomica Italiana Vol. 75 Numéro 3 (2004) 484*  
*Advances of X-ray astronomy with XMM-Newton, Palerme, Italie, 14/10/2003 - 16/10/2003*

BRUN A.S.  
**Looking deep within an A-type star: core convection under the influence of rotation**  
*Proc. (2004) 388*  
*International Astronomical Union (IAU) Symposium 215: Stellar Rotation - 2002, Cancun, Mexique, 11/11/2002 - 15/11/2002*

BRUN A.  
**On the interaction between differential rotation and magnetic fields in the sun**  
*Proc. in Solar Physics Vol. 220 Numéro 2 (2004) 333*  
*International Astronomical Union (IAU) General Assembly - Joint Discussion - 2003, Sydney, Australie, 18/07/2003 - 19/07/2003*

CASSAM CHENAI G., DECOURCHELLE A. ; BALLEST J. ; SAUVAGEOT J. ; DUBNER G.  
**XMM-Newton observation of SNR RX J17713.7-3946**  
*Ed. : ASP ; Proc. (2004) 73*  
*International Astronomical Union (IAU) Symposium 218: Young Neutron Stars and their Environment - 2003, Sydney, Australie, 14/07/2003 - 17/07/2003*

CORBEL S.  
**Relativistic jets in the RXTE Era**  
*Ed. : AIP ; KAARET P. ; Proc. (2004) 127*  
*X-Ray Timing : Rossi and Beyond - 2003, Cambridge, Etats-unis, 03/11/2003 - 05/11/2003*

GARCIA R.A., BALLOT J. ; TURCK-CHIÈZE S. ; et al.  
**About the rotation of the solar radiative interior**  
*Proc. in Solar Physics Vol. 220 Numéro 2 (2004) 269*  
*International Astronomical Union (IAU) General Assembly - Joint Discussion - 2003, Sydney, Australie, 18/07/2003 - 19/07/2003*

GOLDONI P., GOLDWURM A. ; FERRANDO P. ; DECOURCHELLE A. ; BRION E. ; PORQUET D.  
**EPIC detection of SgrA\* flares**  
*Proc. in Advances in Space Research Vol. 75 Numéro 3 (2004) 492*  
*Advances of X-ray astronomy with XMM-Newton, Palerme, Italie, 14/10/2003 - 16/10/2003*

HARDING A.K., GRENIER I.A.

**Pulsar populations and unidentified gamma-ray sources**

*Proc. in Advances in Space Research* Vol. 33 Numéro 4 (2004) 571

*34th Scientific Assembly of the Committee on Space Research (COSPAR - 2002), Houston, Etats-unis, 10/10/2002 - 19/10/2002*

KAARET P., CORBEL S. ; et al.

**Large-scale X-ray jets from Galactic black holes.**

*Proc. in Nuclear Physics B, Proceedings Supplements* Vol. 132 (2004) 354-362

*2nd BeppoSAX Conference: 'the restless high-energy Universe', Amsterdam, Pays-Bas, 05/05/2003 - 09/05/2003*

SAKANO M., DECOURCHELLE A.

**Sgr A east and its surroundings observed in x-rays**

*Proc. in Advances in Space Research* Vol. 33 Numéro 4 (2004) 403

*34th Scientific Assembly of the Committee on Space Research (COSPAR - 2002. High energy studies of supernova remnants and neutron stars., Houston, Etats-unis, 10/10/2002 - 19/10/2002*

TAGGER M.

**Accretion and ejections in magnetized disks**

*Ed. : KLUWER ; GOMEZ DE CASTRO A.I. ; Proc. in Astrophysics and Space Science* Vol. 292

*Numéro 01-avr (2004) 377*

*International workshop on Magnetic Fields and Star Formation - Theory Versus Observations - 2003, Madrid, Espagne, 21/04/2003 - 25/04/2003*

SAKANO M., DECOURCHELLE A. ; et al.

**A new population of X-Ray Transients in the Galactic Centre**

*Proc. (2004) 451*

*International Astronomical Union (IAU) Symposium 218: Young Neutron Stars and their Environment - 2003, Sydney, Australie, 14/07/2003 - 17/07/2003*

SAKANO M., DECOURCHELLE A.

**Three years progress of the XMM-Newton galactic centre/plane survey**

*Proc. in Memorie della Societa Astronomica Italiana* Vol. 75 Numéro 3 (2004) 498

*Advances of X-ray astronomy with XMM-Newton, Palerme, Italie, 14/10/2003 - 16/10/2003*

TURCKCHIEZE S.

**Dynamical processes induced by the internal solar rotation**

*Ed. : A. MAEDER ; Proc. (2004) 317*

*International Astronomical Union (IAU) Symposium 215: Stellar Rotation - 2002, Cancun, Mexique, 11/11/2002 - 15/11/2002*

WARD-THOMPSON D., ANDRE P. ; et al.

**The structure of cold molecular cloud cores**

*Ed. : ASP ; Proc. (2004) 43*

*International Astronomical Union (IAU) Symposium 221: Star Formation at High Angular Resolution - 2003, Sydney, Australie, 22/07/2003 - 25/07/2003*

WEILBACHER P.M., ALVENSLEBEN U.F. ; DUC P.

**Stellar populations of a sample of tidal dwarf galaxies**

*Ed. : ASTRONOMICAL SOCIETY OF THE PACIFIC ; Proc. (2004) 540*

*International Astronomical Union (IAU) Symposium 217 : Recycling Intergalactic and Interstellar Matter - 2003, Sydney, Australie, 14/07/2003 - 17/07/2003*

**2005**  
**Articles de revues**

ABRAHAM Z., DUROUCHOUX PH.

**Millimeter-wave emission during the 2003 low excitation phase of eta carinae**

*Astronomy and Astrophysics* Vol. 437 Numéro 3 (2005) 977

AHARONIAN F., GORET P.

**HESS observations of PKS 2155-304**

*Astronomy and Astrophysics* Vol. 430 Numéro 3 (2005) 865

AHARONIAN F., GORET P.

**Very high energy gamma rays from the composite SNR G0.9+0.1**

*Astronomy and Astrophysics* Vol. 432 Numéro 2 (2005) L25

AHARONIAN F., GORET P.

**Search for TeV emission from the region around PSR B1706-44 with the HESS experiment**

*Astronomy and Astrophysics* Vol. 432 Numéro 1 (2005) L9

AHARONIAN F., GORET P.

**A new population of very high energy gamma-ray sources in the milky way**

*Science* Vol. 307 Numéro 5717 (2005) 1938

AHARONIAN F., GORET P.

**Upper limits to the SN1006 multi-TeV gamma-ray flux from HESS observations**

*Astronomy and Astrophysics* Vol. 437 Numéro 1 (2005) 135

AHARONIAN F., GORET P.

**Upper limits to the SN 1006 multi-TeV gamma-ray flux from HESS observations**

*Astronomy and Astrophysics* Vol. 437 Numéro 1 (2005) 1

AHARONIAN F., GORET P.

**Search for TeV emission from the region around PSR B1706-44 with the HESS experiment**

*Astronomy and Astrophysics* Vol. 432 Numéro 1 (2005) L9

ALY J.J.

**A uniqueness result for a simple force-free magnetic field submitted to a topological constraint**

*Astronomy and Astrophysics* Vol. 429 (2005) 15

ALY J.J.

**A stability property of a force-free surface bounding a vacuum gap**

*Astronomy and Astrophysics* Vol. 429 Numéro 3 (2005) 779

ALY J.J.

**Conservation laws and theorems of confinement and stability for a charged equatorial disk in a pulsar magnetosphere**

*Astronomy and Astrophysics* Vol. 434 Numéro 2 (2005) 405

AMARI T., LUCIANI J. ; ALY J.J.

**Non current-free coronal closure of subphotospheric MHD models**

*Astrophysical Journal, Letters* Vol. 629 Numéro 1 (2005) L37

AUDIT E.

**Thermal condensation in a turbulent atomic hydrogen flow**

*Astronomy and Astrophysics* Vol. 433 Numéro 1 (2005) 1

BECKMANN V., RODRIGUEZ J.

**Swift, INTEGRAL, RXTE, and SPITZER reveal IGR J16283-4838**

*Astrophysical Journal* Vol. 631 Numéro 1 (2005) 506

BELANGER G., GOLDWURM A. ; FERRANDO P. ; GROSSO N. ; PORQUET D. ; et al.

**Repeated x-ray flaring activity in Sagittarius A**

*Astrophysical Journal* Vol. 635 (2005) 1095-1102

BELMONT R., TAGGER M.

**A hot helium plasma in the galactic center region**

*Astrophysical Journal* Vol. 631 (2005) L53

BLAY P., RIBO M. ; MIRABEL I.

**Further evidence for the presence of a neutron star in 4U 2206+54. INTEGRAL and VLA observations**

*Astronomy and Astrophysics* Vol. 438 Numéro 3 (2005) 963

BONNING E.W.B., FALANGA M.

**INTEGRAL high energy observations of 2S 0114+65**

*Astronomy and Astrophysics* Vol. 436 Numéro 2 (2005) L31

BOSCH-RAMON V., PAREDES J. ; RIBO M.

**Orbital x-ray variability of the microquasar LS 5039**

*Astrophysical Journal* Vol. 628 Numéro 1 (2005) 388

BOUCHET L., STRONG A. ; DIEHL R. ; LEBRUN F. ; TERRIER R.

**INTEGRAL SPI observation of the galactic central radian: contribution of discrete sources and implication for the diffuse emission.**

*Astrophysical Journal* Vol. 635 Numéro 2 (2005) 1103-1115

BROCKSOPP C., CORBEL S.

**The 2003 radio outburst of a new x-ray transient: XTE J1720-318**

*Monthly Notices of the Royal Astronomical Society* Vol. 356 (2005) 125-130

BRUN A.S., BROWNING M.K. ; TOOMRE J.

**Simulations of core convection in rotating A-type stars: Magnetic dynamo action**

*Astrophysical Journal* Vol. 629 (2005) 461

BUSCHING I., GRENIER I.A.

**Cosmic-ray propagation properties fro an origin in supernova remnants**

*Astrophysical Journal* Vol. 619 Numéro 1 (2005) 314

CABANAC C., RODRIGUEZ J. ; DUROUCHOUX PH. ; et al.

**Unveiling the nature of the new transient IGR J19140+0951.**

*Chinese Journal of Astronomy and Astrophysics* Vol. 5 Numéro Suppl (2005) 93-98

CABANAC R.A. SAUVAGE M.

**A fresh view of Henize 2-10 with VLT NAOS-CONICA**

*Astrophysical Journal* Vol. 631 (2005) 252-261

CAPITANIO F., CADOLLEBEL M. ; GOLDWURM A.

**3-200 keV spectral states and variability of the INTEGRAL black hole binary IGR J177464-3213**

*Astrophysical Journal* Vol. 622 Numéro 1 (2005) 503

CASARES J., RIBO M. ; et al.

**A possible black hole in the gamma-ray microquasar LS 5039**

*Monthly Notices of the Royal Astronomical Society* Vol. 364 Numéro 3 (2005) 899

CASSAM CHENAI G., DECOURCHELLE A. ; BALLEST J. ; ELLISON D.  
**Morphology of synchrotron emission in young supernova remnants.**  
*Astronomy and Astrophysics* Vol. 443 Numéro 3 (2005) 955-959

CHARNOZ S., PORCO C.C. ; DÉAU E. ; BRAHIC A. ; SPITALE J.N. ; BACQUES G. ; BAILLIE K.  
**Cassini Discovers a Kinematic Spiral Ring Around Saturn.**  
*Science* Vol. 310 Numéro 5752 (2005) 1300-1304

CHATY S., FILLIATRE P.J.  
**Revealing the nature of the obscured high mass x-ray binary IGR J16318-4848**  
*Astrophysics and Space Science* Vol. 297 Numéro 01-04 (2005) 235

CHERNYAKOVA M., LUTOVINOV A. ; RODRIGUEZ J.  
**Discovery and study of the accreting pulsar 2RXP J130159.6-635806**  
*Monthly Notices of the Royal Astronomical Society* Vol. 364 Numéro 2 (2005) 455-461

COMBET C., MAURIN D.  
**Spallation-dominated propagation of heavy cosmic rays and the local interstellar medium (LISM)**  
*Astronomy and Astrophysics* Vol. 435 Numéro 1 (2005) 151

CORBEL S.  
**Discovery of X-ray jets in the microquasar H 1743-322**  
*Astrophysical Journal* Vol. 632 (2005) 504

CORBEL S.  
**Large Scale Jets in Microquasars**  
*Astrophysics and Space Science - Special issue : 'From x-ray binaries to quasars black holes on all mass scales'* Vol. 300 Numéro 01-03 (2005) 275-281

DE BUIZER J., MINIER V.  
**Investigating the nature of the dust emission around massive protostar NGC 7538 IRS 1: Circumstellar disk and outflow ?**  
*Astrophysical Journal, Letters* Vol. 628 Numéro 2 (2005) L151-L154

DE MARTINO D., BONNET-BIDAUD J.M.  
**X-ray confirmation of the intermediate polar HT Cam**  
*Astronomy and Astrophysics* Vol. 437 (2005) 935

DEAN A., LEBRUN F. ; et al.  
**Global characteristics of the first IBIS/ISGRI catalogue sources: unveiling a murky episode of binary star evolution.**  
*Astronomy and Astrophysics* Vol. 443 Numéro 2 (2005) 485-494

DEL SANTO M., CADOLLEBEL M. ; GOLDWURM A. ; MIRABEL I.F.  
**1E 1740.7-2942 : Temporal and spectral evolution from INTEGRAL and RXTE observations**  
*Astronomy and Astrophysics* Vol. 433 Numéro 2 (2005) 613

DORESSOONDIRAM A., DOUCET C.  
**The Meudon multicolor survey (2MS) of Centaurs and trans-neptunian objects: extended dataset and status on the correlations reported**  
*Icarus* Vol. 174 Numéro 1 (2005) 90

DUBATH P., SIZUN P. ; ATTIE D. ; SCHANNE S. ; CORDIER B.  
**The INTEGRAL spectrometer SPI: performance of point-source data analysis**  
*Monthly Notices of the Royal Astronomical Society* Vol. 357 Numéro 2 (2005) 420

DUPERRAY R., MAURIN D.

**Flux of light antimatter nuclei near earth, induced by cosmic rays in the galaxy and in the atmosphere**

*Physical Review D. Particle Fields* Vol. 71 Numéro 8 (2005) 83013

ELLISON D., DECOURCHELLE A. ; BALLEST J.

**Nonlinear particle acceleration at reverse shocks in supernova remnants**

*Astronomy and Astrophysics* Vol. 429 Numéro 2 (2005) 569

FALANGA A., BONNETBIDAUD J.M. ; SULEIMANOV V.

**INTEGRAL broadband X-ray spectrum of the intermediate polar V709 Cassiopeiae.**

*Astronomy and Astrophysics* Vol. 444 Numéro 2 (2005) 561-564

FALANGA M., GOLDONI P. ; GOLDWURM A. ; et al.

**INTEGRAL and RXTE observations of accreting millisecond pulsar IGR J00291+5934 in outburst**

*Astronomy and Astrophysics* Vol. 444 Numéro 1 (2005) 15-24

FALANGA M., BONNETBIDAUD J.M. ; GOLDONI P. ; GOLDWURM A.

**High-energy pulse profile of the transient x-ray pulsar SAX J12103.5+4545**

*Astronomy and Astrophysics* Vol. 436 Numéro 1 (2005) 313

FALANGA M., BONNETBIDAUD J.M.

**INTEGRAL spectroscopy of the accreting millisecond pulsar XTE J1807-294 in outburst**

*Astronomy and Astrophysics* Vol. 436 Numéro 2 (2005) 647

FILLIATRE P.J., GOLDONI P.

**Out of the darkness: the infrared afterglow of the INTEGRAL burst GRB 040422**

*Astronomy and Astrophysics* Vol. 438 Numéro 3 (2005) 793

FLASAR F.M., FERRARI C.

**Temperatures, winds, and composition in the saturnian system**

*Science* Vol. 307 Numéro 5713 (2005) 1247

FLASAR F.M., FERRARI C.

**Titan's atmospheric temperatures, winds, and composition**

*Science* Vol. 308 Numéro 5724 (2005) 975

FLUCKIGER E.O., GROS M. ; et al.

**Solar neutron events that have been found in solar cycle 23.**

*International Journal of Modern Physics A* Vol. 20 Numéro 29 (2005)

FOGLIZZO T., GALLETTI P. ; RUFFERT M.

**A fresh look at the unstable simulations of Bondi-Lyttleton accretion**

*Astronomy and Astrophysics* Vol. 435 (2005) 397

FOSCHINI L., CORBEL S. ; CHATY S. ; GRENIER I.A. ; RODRIGUEZ J.

**Investigating the EGRET-radio galaxies link with INTEGRAL: the case of 3EG J1621+8203 and NGC 6251**

*Astronomy and Astrophysics* Vol. 433 (2005) 515-518

GARCIA R.A., TURCK-CHIÈZE S. ; DZITKO H.

**Global solar Doppler velocity determination with the GOLF/SoHO instrument**

*Astronomy and Astrophysics* Vol. 442 Numéro 1 (2005) 385

GOEDHART S., MINIER V. ; et al.

**Very long baseline array imaging of a periodic 12.2-GHz methanol maser flare in G9.62+0.20E**

*Monthly Notices of the Royal Astronomical Society* Vol. 356 (2005) 839-848

GONTHIER P.L., GRENIER I.A.

**Radio-loud and radio-quiet gamma-ray pulsars from the galaxy and the Gould Belt**  
*Astrophysics and Space Science* Vol. 297 Numéro 01-04 (2005) 71

GRENIER I.A., TERRIER R.

**Unveiling extensive clouds of dark gas in the solar neighborhood**  
*Science* Vol. 307 Numéro 5713 (2005) 1292

GRENIER I.A.

**Unidentified gamma-ray sources off the galactic plane as low-mass microquasars ?**  
*Astrophysics and Space Science* Vol. 297 Numéro 01-04 (2005) 109

HANNIKAINEN D., RODRIGUEZ J. ; DUROUCHOUX PH.

**Characterizing a new class of variability in GRS 1915+105 with simultaneous INTEGRAL/RXTE observations**  
*Astronomy and Astrophysics* Vol. 435 (2005) 995

HARRIS M., SCHANNE S.

**Detection off gamma-ray lines from interstellar Fe-60 by the high resolution spectrometer SPI**  
*Astronomy and Astrophysics* Vol. 433 Numéro 3 (2005) L49

HILL A.B., BELANGER G. ; RENAUD M.

**The 1-50 keV spectral and timing analysis of IGR J18027-2016 : an eclipsing, high mass x-ray binary**  
*Astronomy and Astrophysics* Vol. 439 Numéro 1 (2005) 255

HILL T., et al. ; MINIER V.

**Millimetre continuum observations of southern massive star formation regions. I. SIMBA observations of cold cores.**  
*Monthly Notices of the Royal Astronomical Society* Vol. 363 Numéro 2 (2005) 405-451

HUÉLAMO N., BOUY H. ; STERZIK M. ; PANTIN E. ; MARTIN E.L.

**VISIR/VLT observations of brown dwarfs in Upper Scorpius.**  
*Astronomische Nachrichten* Vol. 326 Numéro 10 (2005) 1022-1023

ISHWARA-CHANDRA C.H., PRAMESH RAO A. ; PANDEY M. ; MANCHANDA R.K. ; DUROUCHOUX PH.

**Low frequency radio observations of GRS 1915+105 with GMRT.**  
*Chinese Journal of Astronomy and Astrophysics* Vol. 5 Numéro suppl (2005) 87-92

JIMENEZ A., JIMENEZ-REYES S.J. ; GARCIA R.A.

**Disk-integrated intensity pseudomodes measured by SOHO/VIRGO**  
*Astrophysical Journal* Vol. 623 Numéro 2 (2005) 1215

KALEMCI E., CORBEL S.

**Multiwavelength observations of the galactic black hole transient 4U 1543-47 during outburst decay: state transitions and jet contribution**  
*Astrophysical Journal* Vol. 622 (2005) 508-519

KIRK J.M., WARD-THOMPSON D. ; ANDRE P.

**The initial conditions of isolated star formation - VI. SCUBA mapping of pre-stellar cores**  
*Monthly Notices of the Royal Astronomical Society* Vol. 360 Numéro 4 (2005) 1506

KNODLSEDER J., SCHANNE S.

**The all-sky distribution of 511 keV electron-positron annihilation emission**  
*Astronomy and Astrophysics* Vol. 441 Numéro 2 (2005) 513

LESAFFRE P., BELLOCHE A. ; CHIEZE J.P. ; ANDRE P.

**The dynamical influence of cooling in the envelope of prestellar and protostellar cores.**  
*Astronomy and Astrophysics* Vol. 443 Numéro 3 (2005) 961-971

LUTOVINOV A., RODRIGUEZ J.

**Discovery of x-ray pulsations from IGR J166320+4751 = AX J1631.9-4752**

*Astronomy and Astrophysics* Vol. 433 Numéro II (2005) L41

MALESANI D., FILLIATRE P.J. ; et al.

**Open issues in Gamma-Ray Bursts: Polarimetry and dark GRBs.**

*Nuovo Cimento C* Vol. 28 Numéro 04-05 (2005) 515-520

MALIZIA, A., RENAUD M.

**The INTEGRAL/IBIS source AX J1838.0-0655: A soft x-ray-to-TeV gamma-ray broadband emitter**

*Astrophysical Journal* Vol. 630 Numéro 2 (2005) L157

MINIER V., et al.

**Star-forming protoclusters associated with methanol masers**

*Astronomy and Astrophysics* Vol. 429 (2005) 945

MINIER V., et al.

**Star-forming protoclusters associated with methanol masers**

*Astronomy and Astrophysics* Vol. 429 (2005) 945-961

MOLDOWAN A., FUCHS Y.

**A multi-wavelength study of the western lobe of W5D powered by the galactic microquasar SS 433**

*Advances in Space Research* Vol. 35 Numéro 6 (2005) 1062

MOVLAVI N., SCHANNE S.

**A1-26 production in gamma (2) velorum**

*Nuclear Physics A* Vol. 758 Numéro Sp. Iss. SI (2005) 320C

NANDI A., GOLDONI P.

**X-ray observation of SS 433 with RXTE**

*Monthly Notices of the Royal Astronomical Society* Vol. 359 Numéro 2 (2005) 629

NOVAK M.A., CORBEL S.

**Is the 'IR coincidence' just that ?**

*Astrophysical Journal* Vol. 626 Numéro 2 (2005) 1006

NOWAK M., CORBEL S.

**Is the 'IR coincidence' just that ?**

*Astrophysical Journal* Vol. 626 (2005) 1006

NUTTER D.J., ANDRE P.

**The pre-stellar and protostellar population of R coronae australis**

*Monthly Notices of the Royal Astronomical Society* Vol. 357 Numéro 3 (2005) 975

PAIZIS A., RODRIGUEZ J. ; et al.

**Chandra and RXTE spectroscopy of the accreting msec pulsar IGR J00291+5934.**

*Astronomy and Astrophysics* Vol. 444 Numéro 2 (2005) 357-363

PAIZIS A., RODRIGUEZ J. ; et al.

**Resolving the hard X-ray emission of GX 5-1 with INTEGRAL.**

*Astronomy and Astrophysics* Vol. 443 Numéro 2 (2005) 599-608

PANTIN E., BOUWMAN J. ; LAGAGE P.O.

**An emission ring at 200.5um around the HAEBE star AB Aurigae: unveiling the disk structure**

*Astronomy and Astrophysics* Vol. 437 (2005) 525-530

PAPOULAR R.

**On the band-to-continuum intensity ratio in the infrared spectra of interstellar carbonaceous dust**

*Monthly Notices of the Royal Astronomical Society* Vol. 356 Numéro 3 (2005) 1099

PAPOULAR R.

**Molecular dynamics simulation of gaseous atomic hydrogen interaction with hydrocarbon grains**

*Monthly Notices of the Royal Astronomical Society* Vol. 359 Numéro 2 (2005) 683

PAPOULAR R.

**On water ice formation in interstellar clouds**

*Monthly Notices of the Royal Astronomical Society* Vol. 362 Numéro 2 (2005) 489

PARIZOT E., CASSE M. ; LEHOUCQ R.

**GRBs and the 511 keV emission of the galactic bulge**

*Astronomy and Astrophysics* Vol. 432 (2005) 889

PELLIZZA L.J., MIGNANI R.P. ; GRENIER I.A. ; MIRABEL I.

**On the local birth place of Geminga**

*Astronomy and Astrophysics* Vol. 435 (2005) 625

PESTALOZZI M.R., MINIER V. ; BOOTH R.S.

**A general catalogue of 6.7-GHz methanol masers. I: data**

*Astronomy and Astrophysics* Vol. 432 Numéro 2 (2005) 737

PIAU L., BALLOT J. ; TURCK-CHIÈZE S.

**Seismic constraints on open clusters**

*Astronomy and Astrophysics* Vol. 430 Numéro 2 (2005) 571

PORCO C.C., BRAHIC A. ; CHARNOZ S.

**Imaging of Titan from the Cassini spacecraft**

*Nature* Numéro 7030 (2005) 159

PORQUET D., BELANGER G. ; GOLDWURM A. ; et al.

**Discovery of X-ray eclipses from the transient source CXOGC J17450.0-290031 with XMM-Newton.**

*Astronomy and Astrophysics* Vol. 443 Numéro 2 (2005) 571-579

QU J.L., FALANGA M.

**Discovery of new quasi-periodic oscillations in the x-ray transient source V0332+53**

*Astrophysical Journal* Vol. 629 Numéro 1 (2005) L33

RODRIGUEZ J., et al.

**Unveiling the nature of the high energy source IGR J1940+0951**

*Astronomy and Astrophysics* Vol. 432 Numéro 1 (2005) 235-247

RODRIGUEZ J.

**Solar neutron events of 2003 October-November**

*Astrophysical Journal* Vol. 636 Numéro 2 (2005) 1135

SAFI-HARB S., DUROUCHOUX PH.

**Chandra spatially resolved spectroscopic study and multiwavelength imaging of the supernova remnant 3C 397 (G41.1-0 3)**

*Astrophysical Journal* Vol. 618 Numéro 1 (2005) 321

SAKANO M., DECOURCHELLE A.

**Unusual x-ray transients in the Galactic Centre**

*Monthly Notices of the Royal Astronomical Society* Vol. 357 Numéro 4 (2005) 1211

SAUVAGE M., TUFFS R.J. ; POPESCU C.

**Normal nearby galaxies**

*Space Science Reviews* Vol. 119 Numéro 01-04 (2005) 313

SHAW S.E., RODRIGUEZ J.

**Discovery of the INTEGRAL X/gamma-ray transient IGR J00291+5934: a comptonised accreting ms pulsar ?**

*Astronomy and Astrophysics* Vol. 432 (2005) L13

SIDOLI L., FALANGA M.

**A large spin-up rate measured with INTEGRAL in the high mass x-ray binary pulsar**

*Astronomy and Astrophysics* Vol. 440 Numéro 3 (2005) 1033

STEINER C., DECOURCHELLE A.

**IGR J01583-6713. a new hard X-ray transient discovered by INTEGRAL**

*The Astronomer's Telegram* (2005) 672

STEPHEN J.B., LEBRUN F.

**Using the ROSAT bright source catalogue to find counterparts for IBIS/ISGRI survey sources**

*Astronomy and Astrophysics* Vol. 432 Numéro 2 (2005) L49

STERZIK M.F., PANTIN E.

**The cool atmospheres of the binary brown dwarf epsilon indi B**

*Astronomy and Astrophysics* Vol. 436 Numéro 2 (2005) L39

STRONG A.W. LEBRUN F. ; TERRIER R. ; et al.

**Gamma-ray continuum emission from the inner Galactic region as observed with INTEGRAL/SPI.**

*Astronomy and Astrophysics* Vol. 444 Numéro 2 (2005) 495-503

TEEGARDEN B.J., DECOURCHELLE A. ; GOLDWURM A.

**INTEGRAL SPI limits on electron-positron annihilation radiation from the galactic plane**

*Astrophysical Journal* Vol. 621 Numéro 1 (2005) 296

TOMSICK J.A., CORBEL S. ; GOLDWURM A. ; KAARET P.

**X-ray observations of the black hole transient 4U 1630-47 during two years of x-ray activity**

*Astrophysical Journal* Vol. 630 (2005) 413

TURCKCHIEZE S.

**How does helioseismology constrain solar neutrino properties ?**

*Nuclear Physics B, Proceedings Supplements* Vol. 143 (2005) 35

TURCKCHIEZE S.

**Solar models and solar neutrinos**

*Nuclear Physics B, Proceedings Supplements* Vol. 145 (2005) 17

UBERTINI P., LEBRUN F. ; RENAUD M. ; TERRIER R.

**Integral IGR J18135-1751 = EESS J1813-178: A new cosmic high-energy accelerator from keV to TeV energies**

*Astrophysical Journal* Vol. 629 Numéro 2 (2005) L109

YAN J.Z., LIU Q.Z. ; HANG H.R.

**Preliminary results of the optical observations of three microquasars.**

*Chinese Journal of Astronomy and Astrophysics* Vol. 5 Numéro suppl (2005) 247-252

**Proceedings parus dans des revues**

BRUN A.S.

**Magnetohydrodynamic 3-d models of the solar convection zone***Proc. (2005) 94**25th International Astronomical Union (IAU) General Assembly - Highlights of Astronomy - 2003, Sydney, Australie, 13/07/2003 - 26/07/2003*

FOGLIZZO T., GALLETTI P.

**Non-radial instability of stalled accretion shock. I. Advective-acoustic cycle***Ed. : P. Hoflich ; Cambridge University Press ; Proc. (2005) 238**3-D Signature in Stellar Explosions - 2003, Austin (Texas), Etats-unis, 10/06/2003 - 13/06/2003*

TURCKCHIEZE S.

**MeV neutrino sources: The sun and the supernovae***Proc. (2005) 9**25th International Astronomical Union (IAU) General Assembly - Highlights of Astronomy - 2003, Sydney, Australie, 13/07/2003 - 26/07/2003*

TURCKCHIEZE S.

**Challenges in stellar models from helioseismology to asteroseismology***Proc. (2005) 403**25th International Astronomical Union (IAU) General Assembly - Highlights of Astronomy - 2003, Sydney, Australie, 13/07/2003 - 26/07/2003*

TURCK-CHIÈZE S.

**Quiet or active sun and the neutrino properties***Ed. : World Scientific ; Proc. (2005) 45**11th Lomonosov Conference on Elementary Particle Physics - 2003, Moscou, Russie (Fédération de), 21/08/2003 - 27/08/2003***2006****Articles de revues**

AMARI T., BOULMEZAOUD ; ALY J.J.

**Well posed reconstruction of the solar coronal magnetic field***Astronomy and Astrophysics Vol. 446 (2006) 691-705*

BAINS I., MINIER V.

**Molecular line mapping of the giant molecular cloud associated with RCW 106-I.(CO) -C-13.***Monthly Notices of the Royal Astronomical Society Vol. 367 Numéro 4 (2006) 1609*

BALLOT J., GARCIA R.A. ; LAMBERT P.

**Rotation speed and stellar axis inclination from p modes: how CoRoT would see other suns***Monthly Notices of the Royal Astronomical Society Vol. 369 (2006) 1281*

BASSANI L., BELANGER G. ; LAURENT P. ; LEBRUN F.

**INTEGRAL IBIS extragalactic survey: Active galactic nuclei selected at 20-100 keV***Astrophysical Journal, Letters Vol. 636 Numéro 2 (2006) L65*

BAZZANO A., LEBRUN F.

**INTEGRAL IBIS census of the sky beyond 100 keV***Astrophysical Journal, Letters Vol. 649 Numéro 1 (2006) L9*

BELANGER G., GOLDWURM A. ; RENAUD M. ; TERRIER R. ; PAUL J. ; et al.

**A persistent high-energy flux from the heart of the milky way: INTEGRAL's view of the galactic center***Astrophysical Journal Vol. 636 (2006) 275-289*

BELLOCHE A., ANDRE P.

**Strongly induced collapse in the class 0 protostar NGC 1333 IRAS 4A**

*Astronomy and Astrophysics* Vol. 453 Numéro 1 (2006) 145

BELLOCHE A., HENNEBELLE P. ; ANDRE P.

**Strong induced collapse in the Class 0 protostar NGC 1333 IRAS 4A**

*Astronomy and Astrophysics* Vol. 453 (2006) 145

BELMONT R., TAGGER M.

**A viscous heating mechanism for the hot plasma in the galactic center region**

*Astronomy and Astrophysics* Vol. 452 Numéro 1 (2006) 15

BIRD A.J., BELANGER G. ; LEBRUN F. ; RENAUD M. ; TERRIER R.

**The second IBIS/ISGRI soft gamma-ray survey catalog**

*Astrophysical Journal* Vol. 636 Numéro 2 (2006) 765

BLOMMAERT J., OKUMURA K.

**ISO mid-infrared spectroscopy of Galactic bulge AGB stars**

*Astronomy and Astrophysics* Vol. 460 Numéro 2 (2006) 555

BODAGHEE A., TERRIER R.

**IGR J17252-3616: an accreting pulsar observed by INTEGRAL and XMM-Newton**

*Astronomy and Astrophysics* Vol. 447 Numéro 3 (2006) 261

BONNETBIDAUD J.M.

**RX J2133.7+5107: identification of a new long period intermediate polar**

*Astronomy and Astrophysics* Vol. 445 Numéro 3 (2006) 1037

BROWNING M.K., BRUN A.S.

**Dynamo action in the solar convection zone and tachocline: pumping and organization of toroidal fields**

*Astrophysical Journal, Letters* Vol. 648 Numéro 2 (2006) L157

BRUN A.S.

**Magnetic confinement of the solar tachocline**

*Astronomy and Astrophysics* Vol. 457 (2006) 665

BYKOV A.M., LEBRUN F. ; RENAUD M. ; TERRIER R.

**INTEGRAL detection of hard x-rays from NGC 6334: nonthermal emission from colliding winds or an AGN ?**

*Astronomy and Astrophysics* Vol. 449 Numéro 3 (2006) 917

BYKOV A.M., LEBRUN F. ; RENAUD M.

**On the nature of the hard X-ray source IGR J2018-4043**

*Astrophysical Journal, Letters* Vol. 649 Numéro 1 (2006) L21

CADOLLE BEL M., GOLDWURM A. ; RODRIGUEZ J. ; LAURENT P. ; GOLDONI P. ; GOUIFFES C. ; et al.

**The broad-band spectrum of Cygnus X-1 measured by INTEGRAL**

*Astronomy and Astrophysics* Vol. 446 (2006) 591-602

CHAPLIN W.J., GARCIA R.A.

**SolarFLAG hare and hounds: on the extraction of rotational p-mode splittings from seismic, Sun-as-a-star data**

*Astronomy and Astrophysics* Vol. 369 (2006) 985

CHATY S., et al.

**A closer look at the X-ray transient XTE J1908+094: identification of two new near-infrared candidate counterparts**

*Monthly Notices of the Royal Astronomical Society* Vol. 365 Numéro 4 (2006) 1387-1391

CHATY S., BESSOLAZ N.

**Optical/near-infrared observations of the black hole candidate XTE J1720-318: from high-soft to low-hard state**

*Astronomy and Astrophysics* Vol. 455 (2006) 639

CHENEVEZ J.C., GOLDWURM A. ; FALANGA M.

**Two-phase x-ray burst from GX 3+1 observed by INTEGRAL**

*Astronomy and Astrophysics* Vol. 449 Numéro 1 (2006) L5

CHERNYAKOVA M., RODRIGUEZ J.

**XMM-Newton observations of PSR B1259-63 near the 2004 periastron passage**

*Monthly Notices of the Royal Astronomical Society* Vol. 367 Numéro 3 (2006) 1201

COMBI J.A., RIBO M. ; MARTI J. ; CHATY S.

**Multi-wavelength properties of the high-energy bright Seyfert 1 galaxy IGR J18027-1455**

*Astronomy and Astrophysics* Vol. 458 Numéro 3 (2006) 761

COMBI J.A., RIBO M. ; MARTI J. ; CHATY S.

**Multi-wavelength properties of the high-energy bright Seyfert 1 galaxy IGR J18027-1455**

*Astronomy and Astrophysics* Vol. 458 (2006) 761

CORBEL S., et al.

**On the origin of black hole X-ray emission in quiescence: CHANDRA observations of XTE J1550-564 and H 1743-322**

*Astronomy and Astrophysics* Vol. 636 Numéro 2 (2006) 971

COVINO S., FILLIATRE P.J. ; GOLDWURM A.

**Optical emission from GRB 050709: a short/hard GRB in a star-forming galaxy**

*Astronomy and Astrophysics* Vol. 447 Numéro 2 (2006) L5

CRIDA A., MASSET F.

**On the width and shape of gaps in protoplanetary disks**

*Icarus* Vol. 181 Numéro 2 (2006) 587

DE MARTINO D., BONNETBIDAUD J.M.

**The long period intermediate polar 1RXS J154814.5-452845**

*Astronomy and Astrophysics* Vol. 449 Numéro 3 (2006) 1151

DE MARTINO D., BONNETBIDAUD J.M.

**The X-ray properties of the magnetic cataclysmic variable UU Columbae**

*Astronomy and Astrophysics* Vol. 454 (2006) 487

DE VAL-BORRO M., MASSET F.

**A comparative study of disc-planet interaction**

*Monthly Notices of the Royal Astronomical Society* Vol. 370 Numéro 2 (2006) 529

DELLA-VALLE M., PELLIZZA L.J.

**Hypernova signatures in the late rebrightening of GRB 050525A**

*Astrophysical Journal* Vol. 642 Numéro 2 (2006) L103

DI SALVO T., GOLDONI P. ; SIZUN P.

**A hard X-ray view of Scorpius X-1 with INTEGRAL: Nonthermal emission ?**

*Astrophysical Journal* Vol. 649 Numéro 2 (2006) L91

DIEHL R., SCHANNE S.

**AI-26 in the inner galaxy - Large-scale spectral characteristics derived with SPI/INTEGRAL**  
*Astronomy and Astrophysics* Vol. 449 Numéro 3 (2006) 1025

DIEHL R., SCHANNE S.

**Radioactive AI-26 from massive stars in the Galaxy**  
*Nature* Vol. 439 Numéro 7072 (2006) 45

DJUPVIK A.A., ANDRE P. ; BONTEMPS S. ; MOTTE F.

**A multi-wavelength census on star formation activity in the young embedded cluster around serpents G3-G6**  
*Astronomy and Astrophysics* Vol. 458 (2006) 789

DOUCET C., PANTIN E. ; LAGAGE P.O.

**Mid-infrared imaging of the circumstellar dust around three Herbig Ae stars: HD 135344, CQ Tau, HD 16 3296**  
*Astronomy and Astrophysics* Vol. 460 (2006) 117

DUBUS G., CHATY S.

**Infrared polarimetry of the microquasars H1743-322.XTE.J11550-564**  
*Astronomy and Astrophysics* Vol. 458 (2006) 591

FALANGA M., GÖTZ D. ; GOLDONI P. ; GOLDWURM A.

**The X-ray spectrum of the bursting atoll source 4U 1728-34 observed with INTEGRAL**  
*Astronomy and Astrophysics* Vol. 458 (2006) 21

FALANGA M.

**Swift, RXTE and INTEGRAL observation of swift J1922.7-1716**  
*Astronomy and Astrophysics* Vol. 456 Numéro 2 (2006) L5

FASANO G., MARMO C.

**WINGS: a wide-field nearby galaxy-cluster survey - I. Optical imaging**  
*Astronomy and Astrophysics* Vol. 445 Numéro 3 (2006) 805

FERRARI C.

**Chandra observation of the multiple merger cluster Abell 521**  
*Astronomy and Astrophysics* Vol. 446 Numéro 2 (2006) 417

FILLIATRE P.J.

**The weak INTEGRAL bursts GRB040223 and GRB040624: an emerging population of dark afterglows**  
*Astronomy and Astrophysics* Vol. 448 Numéro 3 (2006) 971

FILLIATRE P.J., CHATY S.

**Optical and near-infrared observations of new INTEGRAL galactic sources**  
*Advances in Space Research* Vol. 38 (2006) 1365

FOGLIZZO T.

**4Neutrino-driven convection versus advection in core collapse supernovae**  
*Astrophysical Journal* Vol. 652 Numéro 2 (2006) 1436

FOROT M., LAURENT P. ; RENAUD M. ; GRENIER I.A. ; GORET P.

**High-energy particles in the wind nebula of pulsar B1509-58 as seen by INTEGRAL**  
*Astrophysical Journal* Vol. 651 Numéro 1 (2006) L45

FRITZ S., RODRIGUEZ J.

**A torque reversal of 4U 1907+09**  
*Astronomy and Astrophysics* Vol. 458 Numéro 3 (2006) 885

FUCHS Y., KOCH-MIRAMOND L. ; ABRAHAM P.

**SS 433: a phenomenon imitating a Wolf-Rayet star**

*Astronomy and Astrophysics* Vol. 445 (2006) 1041-1052

GAFFET B.

**Spinning gas clouds with precession: non-degenerate cases**

*Journal of Physics A. Mathematical and General Physics* Vol. 39 Numéro 1 (2006) 99

GILLESSEN S., LAGAGE P.O.

**Variations in the spectral slope of Sagittarius A\* during a near-infrared flare**

*Astrophysical Journal* Vol. 640 Numéro 2 (2006) L163

GONZALEZ M., THAIS F.

**Astrophysical radiative shocks: From modeling to laboratory experiments**

*Laser and Particle Beams* Vol. 24 Numéro 4 (2006) 535

GÖTZ D.

**Magnetars as persistent hard x-ray sources: INTEGRAL discovery of a hard tail in SGR 1900+14**

*Astronomy and Astrophysics* Vol. 449 (2006) L31

HERAS J.A.Z., BELANGER G.

**IGR J17252-3616: an accreting pulsar observed by INTEGRAL and XMM-Newton**

*Astronomy and Astrophysics* Vol. 448 Numéro 1 (2006) 261

HILL T., MINIER V.

**Millimetre continuum observations of southern massive star formation regions - II. SCUBA observations of cold cores and the dust grain emissivity index (beta)**

*Monthly Notices of the Royal Astronomical Society* Vol. 368 Numéro 3 (2006) 1223

HOWELL D.A., LE BORGNE D.

**The type Ia supernova SNLS-03D3bb from a super-Chandrasekhar-mass white dwarf star**

*Nature* Vol. 443 Numéro 7109 (2006) 308

KAARET P., CORBEL S.

**Evolution of the X-ray jets from 4U 1755-33**

*Astrophysical Journal* Vol. 641 (2006) 410

KALEMCI E., CORBEL S.

**The galactic black hole transient H 1743-322 during outburst decay: connection between timing noise, state transitions and radio emission**

*Astrophysical Journal* Vol. 639 (2006) 340

KALEMCI E., RENAUD M.

**X-ray observations of SN 1006 with INTEGRAL**

*Astrophysical Journal* Vol. 644 Numéro 1 (2006) 274

KIENER J., GROS M.

**Properties of the energetic particle distributions during the October 28, 2003 solar flare from INTEGRAL/SPI observations**

*Astronomy and Astrophysics* Vol. 445 Numéro 2 (2006) 725

KORDING E., CORBEL S.

**Refining the fundamental plane of accreting black holes**

*Astronomy and Astrophysics* Vol. 456 Numéro 2 (2006) 439

LAGAGE P.O., DOUCET C. ; PANTIN E. ; HABART E. ; DUCHÊNE G. ; MENARD F. ; PINTE C. ; CHARNOZ S. ; PEL J.W.

**Anatomy of a flaring proto-planetary disk around a young intermediate-mass star**

*Science (New York) Vol. 314 Numéro 5799 (2006) 621*

LAMBERT P., PIRES S. ; BALLOT J. ; GARCIA R.A. ; STARCK J.L. ; TURCKCHIEZE S.

**Curvelet analysis of asteroseismic data. I: method description and application to simulated sun-like stars**

*Astronomy and Astrophysics Vol. 454 Numéro 3 (2006) 1021*

LAVAGETTO G., FALANGA M.

**The broad-band spectrum of Cyg x-2 with INTEGRAL (Research note)**

*Astronomy and Astrophysics Vol. 445 Numéro 3 (2006) 1089*

LIU Q.Z.

**The nature of AX J0051-733 in the SMC: A pulsar born with ultrastrong magnetic field ?**

*Astrophysics and Space Science Vol. 305 Numéro 2 (2006) 133*

LONGMORE S.N., MINIER V.

**Mid-infrared source multiplicity within hot molecular cores traced by methanol masers**

*Monthly Notices of the Royal Astronomical Society Vol. 369 Numéro 3 (2006) 1196*

MALZAC J., CADOLLEBEL M. ; SIZUN P. ; CHATY S. ; RODRIGUEZ J. ; DUROUCHOUX PH. ; GOLDWURM A. ; LAURENT P.

**Bimodal spectral variability of Cygnus X-1 in an intermediate state**

*Astronomy and Astrophysics Vol. 448 Numéro 3 (2006) 1125*

MARCINKOWSKI R., GOLDONI P. ; LAURENT P.

**GRB 030406 - an extremely hard burst outside of the INTEGRAL\* field of view**

*Astronomy and Astrophysics Vol. 452 Numéro 1 (2006) 113*

MASSET F.

**Disk surface density transitions as protoplanet traps**

*Astrophysical Journal Vol. 642 (2006) 478*

MASSET F.

**On the migration of protoplanet solid cores**

*Astrophysical Journal Vol. 652 (2006) 730*

MATTANA F., FALANGA M.

**A new symbolic low mass X-ray binary system: 4U 1954+319**

*Astronomy and Astrophysics Vol. 450 Numéro 2 (2006) L1*

MEREGHETTI S., GÖTZ D.

**The first XMM-newton observations of the soft gamma-ray repeater SGR 1900-14**

*Astrophysical Journal Vol. 653 Numéro 2 (2006) 1423*

MICELI M., DECOURCHELLE A. ; BALLEST J.

**The x-ray emission of the supernova remnant V49B observed with XMM-Newton**

*Astronomy and Astrophysics Vol. 453 Numéro 2 (2006) 567*

MIESCH M.S., BRUN A.S.

**Solar differential rotation influenced by latitudinal entropy variations in the Tachocline**

*Astrophysical Journal Vol. 641 Numéro 1 (2006) 618*

MINIER V., LINEWEAVER C.

**A search for water masers toward extrasolar planets**

*Astronomy and Astrophysics Vol. 449 (2006) 805*

MONIN J.L., PERETTO N.

**Disc orientations in pre-main-sequence multiple systems - A study in southern star formation regions**

*Astronomy and Astrophysics* Vol. 446 Numéro 1 (2006) 201

MOWLAVI N., RODRIGUEZ J.

**INTEGRAL observation of the high-mass x-ray transient V 0332+53 during the 2005 outburst decline**

*Astronomy and Astrophysics* Vol. 451 Numéro 1 (2006) 187

NUTTER D., ANDRE P.

**A SCUBA survey of L1689 - The dog that didn't bark**

*Monthly Notices of the Royal Astronomical Society* Vol. 368 Numéro 4 (2006) 1833

NUTTER D., WARD-THOMPSON D. ; ANDRE P.

**A SCUBA survey of L1689 - the dog that didn't bark**

*Monthly Notices of the Royal Astronomical Society* Vol. 368 (2006) 1833

PAIZIS A., GOLDONI P. ; RODRIGUEZ J.

**Average hard X-ray emission from NS LMXBs: observational evidence of different spectral states in NS LMXBs**

*Astronomy and Astrophysics* Vol. 459 Numéro 1 (2006) 187

PANDEY M., DUROUCHOUX PH. ; et al.

**Low frequency radio monitoring of Cygnus X-1 and Cygnus X-3**

*Astronomy and Astrophysics* Vol. 447 (2006) 525

PANDEY M., DUROUCHOUX PH.

**GMRT observations of the field of INTEGRAL x-ray sources. II**

*Astronomy and Astrophysics* Vol. 453 Numéro 1 (2006) 83

PANDEY M., DUROUCHOUX PH.

**GMRT observations of the field of INTEGRAL x-ray sources - I**

*Astronomy and Astrophysics* Vol. 446 Numéro 2 (2006) 471

PARIZOT E., BALLEST J.

**Observational constraints on energetic particle diffusion in young supernovae remnants: amplified magnetic field and maximum energy**

*Astronomy and Astrophysics* Vol. 453 Numéro 2 (2006) 387

PELLIZZA L.J., CHATY S. ; NEGUERUELA I.

**IGR J1754462619 : a new supergiant fast X-ray transient revealed by optical/infrared observations**

*Astronomy and Astrophysics* Vol. 455 (2006) 653

PERETTO N., ANDRE P. ; BELLOCHE

**Probing the formation of intermediate- to high-mass stars in protoclusters. A detailed millimeter study of the NGC 2264 clumps**

*Astronomy and Astrophysics* Vol. 445 Numéro 3 (2006) 979

PERETTO N., ANDRE P. ; BELLOCHE A.

**Probing the formation of intermediate - to high-mass stars in protoclusters. A detailed millimeter study of the NGC 2264 clumps.**

*Astronomy and Astrophysics* Vol. 445 Numéro III (2006) 979-998

PERETTO N., ANDRE P. ; BELLOCHE A.

**Probing the formation of intermediate to high mass stars in protoclusters. A detailed millimeter study of the NGC 2264 clumps**

*Astronomy and Astrophysics* Vol. 445 (2006) 979

PESTALOZZI M.R., MINIER V. ; MOTTE F. ; CONWAY J.E.

**Discovery of two new methanol masers in NGC 7538. Locating of massive protostars**

*Astronomy and Astrophysics* Vol. 448 (2006) L57

PETRUCCI P.O., FERRANDO P.

**The origin of the strong soft excess and puzzling iron line complex in Mkn 841**

*Astronomische Nachrichten* Vol. 327 Numéro 10 (2006) 1043

PORCO C.C., BRAHIC A.

**Cassini observes the active South Pole of Enceladus**

*Science* Vol. 311 Numéro 5766 (2006) 1393

PURCELL C.R., MINIER V. ; et al.

**A CH<sub>3</sub>CN and HCO<sup>+</sup> survey towards southern methanol masers associated with star formation**

*Monthly Notices of the Royal Astronomical Society* Vol. 367 (2006) 553

RENAUD M., TERRIER R. ; LEBRUN F. ; et al.

**G0.570-0.018: A young supernova remnant ?INTEGRAL and VLA observations**

*Astrophysical Journal* Vol. 638 (2006) 220

RENAUD M., GROS A. ; LEBRUN F. ; GOLDWURM A.

**Imaging extended sources with coded mask telescopes: Application to the INTEGRAL IBIS/ISGRI instrument**

*Astronomy and Astrophysics* Vol. 456 (2006) 389

RENAUD M., DECOURCHELLE A. ; LEBRUN F. ; COUVREUR C.

**The signature of 44Ti in Cassiopeia A revealed by IBIS/ISGRI on INTEGRAL**

*Astrophysical Journal* Vol. 647 (2006) L41

RENAUD M., BELANGER G. ; PAUL J. ; LEBRUN F. ; TERRIER R.

**Coma revealed as an extended hard X-rays source by INTEGRAL IBIS/ISGRI**

*Astronomy and Astrophysics* Vol. 453 (2006) L5

RENAUD M., DECOURCHELLE A. ; LEBRUN F. ; TERRIER R. ; BALLEST J.

**An INTEGRAL/IBIS view of young galactic SNRs through the Ti44 gamma-ray lines**

*New Astronomy Reviews* Vol. 50 Numéro 07-08 (2006) 540

RIBO M., et al.

**Wind accretion in the massive X-ray binary 4U 2206+54: abnormally slow wind and moderately eccentric orbit**

*Astronomy and Astrophysics* Vol. 449 (2006) 687

RODRIGUEZ J., CORBEL S. ; GOLDWURM A. ; LEBRUN F. ; et al.

**INTEGRAL and XMM-Newton observations of the X-ray pulsar IGR J16320-4751/AXJ1631.9-4752**

*Monthly Notices of the Royal Astronomical Society* Vol. 366 Numéro 1 (2006) 274-282

RODRIGUEZ J., SHAW S.E. ; CORBEL S.

**The faint 2005 hard state outburst of Aql X-1 as seen by INTEGRAL and RXTE**

*Astronomy and Astrophysics* Vol. 451 Numéro 3 (2006) 1045

SAKO T., GROS M.

**Long-lived solar neutron emission in comparison with electron-produced radiation in the 2005 September 7 solar flare**

*Astrophysical Journal, Letters* Vol. 651 Numéro 1 (2006) L69

SCHNEIDER N., BONTEMPS S. ; MOTTE F.

**A new view of the Cygnus X region KOSMA 13CO 2 - 1,3 - 2, and 12CO 3 - 2 imaging**

*Astronomy and Astrophysics* Vol. 458 (2006) 855

STEPHEN J.B., LEBRUN F.

**Using the ROSAT catalogues to find counterparts for the second IBIS/ISGRI survey sources**  
*Astronomy and Astrophysics* Vol. 445 Numéro 3 (2006) 869

SU Y.N., GROS M.

**Analysis of magnetic shear in an X17 solar flare on October 28, 2003**  
*Solar Physics* Vol. 236 Numéro 2 (2006) 325

SULLIVAN M., LE BORGNE M. ; RICH J. ; LUSSET V. ; LE BORGNE M. ; PALANQUE-DELABROUILLE N.

**Rates and properties of type Ia supernovae as a function of mass and star formation in their host galaxies**  
*Astrophysical Journal* Vol. 648 Numéro 2 (2006) 868

TAGGER M., MELIA F.

**A possible Rossby wave instability origin for the flares in Sagittarius A**  
*Astrophysical Journal* Vol. 636 (2006) L33

TAGGER M., VARNIÈRE P.

**Accretion-ejection instability, MHD Rossby wave instability, diskoseismology, and the high-frequency QPO of microquasars.**  
*Astrophysical Journal* Vol. 652 Numéro 2 (2006) 1457

THOMPSON R.I., SAUVAGE M.

**Delayed photoionization feedback in a super star cluster in SBS 0335-052E**  
*Astrophysical Journal* Vol. 638 Numéro 1 (2006) 176

TOMSICK J.A., CHATY S. ; RODRIGUEZ J.

**IGR J06074+2205 is a Be X-ray Binary**  
*The Astronomer's Telegram* Vol. 959 (2006) 1

TOMSICK J.A., CHATY S. ; RODRIGUEZ J.

**Identifications of four INTEGRAL sources in the galactic plane via Chandra localizations**  
*Astrophysical Journal* Vol. 647 (2006) 1309

TURCKCHIEZE S.

**Solar gravity modes: present and future**  
*Advances in Space Research* Vol. 37 Numéro 8 (2006) 1569

VANZI L., SAUVAGE M.

**Stellar clusters in dwarf galaxies**  
*Astronomy and Astrophysics* Vol. 448 Numéro 3 (2006) 971

VARNIERE P., TAGGER M.

**Reviving dead zones in Accretion disks by Rossby vortices at their boundaries**  
*Astronomy and Astrophysics* Vol. 446 (2006) L13

WALTER R., RENAUD M.

**XMM-Newton and INTEGRAL observations of new absorbed supergiant high-mass x-ray binaries**  
*Astronomy and Astrophysics* Vol. 453 Numéro 1 (2006) 133

WATANABE K., GROS M.

**Solar neutron events of 2003 october-november**  
*Astrophysical Journal* Vol. 636 Numéro 2 (2006) 1135

WEIDENSPONTNER G., SCHANNE S. ; SIZUN P.

**The sky distribution of positronium annihilation continuum emission measured with SPI/INTEGRAL**  
*Astronomy and Astrophysics* Vol. 450 Numéro 3 (2006) 1013

YUSEF-ZADEH F., GOLDWURM A. ; BELANGER G.

**A multiwavelength study of SGR A\* : the role of near-IR flares in production of x-ray, soft gamma-ray, and submillimeter emission**

*Astrophysical Journal Vol. 644 Numéro 1 (2006) 198*

**Formation des étoiles et des planètes**

**DAPNIA**

**2004**

**Articles de revues**

LAGAGE P., AUTHIER M. ; BELORGEY J. ; CLARET A. ; DOUCET C. ; DUBREUIL D. ; DURAND G. ; GIRARDOT P. ; LORTHOLARY M. ; LUSSIGNOL Y. ; PANTIN E. ; RIO Y. ; VEYSSIERE C. ; et Al.

**Successful commissioning of VISIR: the mid-infrared VLT instrument**

*The ESO Messenger Numéro 117 (2004) 12*

**2005**

**Articles de revues**

FERRARI C., GALDEMARD P., LAGAGE P. O., PANTIN E., QUOIRIN, C.

**Imaging Saturn's rings with CAMIRAS: thermal inertia of B and C rings**

*Astronomy and Astrophysics, Vol. 441, Num. 1 (2005) 379-389*

**Sources de rayons cosmiques**

**DAPNIA**

**2004**

**Articles de revues**

FERREIRA O., BEDEREDE D. ; BOURGEOIS P. ; CORDIER B. ; GENTIT F. ; HOREAU B. ; PIRET Y. ; et al.

**Environmental tests of the GLAST validation module calorimeter.**

*Nuclear Instruments and Methods in Physics Research A Vol. 530 Numéro 3 (2004) 323-329*

**2005**

**Articles de revues**

AHARONIAN A., GLICENSTEIN J.F. ; GORET P. ; et al.

**Observations of selected AGN with HESS.**

*Astronomy and Astrophysics Vol. 441 Numéro 2 (2005) 465-472*

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; et al.

**Discovery of extented VHE gamma-ray emission from the asymmetric pulsar wind nebula in MSH 15-52 with HESS.**

*Astronomy and Astrophysics Vol. 435 Numéro 1 (2005) L17-L20*

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; et al.

**Discovery of VHE gamma rays from PKS 2005-489.**

*Astronomy and Astrophysics Vol. 436 Numéro 2 (2005) L17-L20*

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; et al.

**Detection of TeV  $\gamma$ -ray emission from the shell-type supernova remnant RX J0852.0-4622 with HESS.**

*Astronomy and Astrophysics* Vol. 437 Numéro 1 (2005) L7-L10

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; et al.

**Observations of MKN 421 in 2004 with HESS at large zenith angles.**

*Astronomy and Astrophysics* Vol. 437 Numéro 1 (2005) , 95-99

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; et al.

**Serendipitous discovery of the unidentified extended TeV  $\gamma$ -ray source HESS J1303-631.**

*Astronomy and Astrophysics* Vol. 439 Numéro 3 (2005) 1013-1021

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; et al.

**Discovery of very high energy gamma rays associated with an X-ray binary.**

*Science* Vol. 309 Numéro 5735 (2005) 746-749

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; et al.

**Multi-wavelength observations of PKS 2155-304 with HESS.**

*Astronomy and Astrophysics* Vol. 442 Numéro 3 (2005) 895-907

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; et al.

**A possible association of the new VHE  $\gamma$ -ray source HESS J1825-137 with the pulsar wind nebula G 18.0-0.7.**

*Astronomy and Astrophysics* Vol. 442 Numéro 3 (2005) L25-L29

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; et al.

**A search for very high  $\gamma$ -ray emission from the starburst galaxy NGC 253 with HESS.**

*Astronomy and Astrophysics* Vol. 442 Numéro 1 (2005) 177-183

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; et al.

**Discovery of the binary pulsar PSR B1259-63 in very-high-energy gamma rays around periastron with HESS.**

*Astronomy and Astrophysics* Vol. 442 Numéro 1 (2005) 01-10

## 2006

### Articles de revues

AGUILAR J.A., ANVAR S. ; BELTRAMELLI J. ; DE BOTTON R. ; DELAGNES E. ; DENANS D. ; DESAGES F. ; DONZAUD C. ; DRUILLLOLE F. ; DURAND D. ; GORET P. ; HUBBARD J. ; KOUCHNER A. ; LACHARTRE D. ; LAFOUX H. ; LAMARE P. ; LANGUILLAT J. ; LE PROVOST H. ; LOUCATOS S. ; LOUIS F. ; MOSCOSO L. ; PALANQUE - DELABROUILLE N. ; POINSIGNON J. ; STOLARCZYK T. ; VALLAGE B. ; VERNIN P. ; ZACCONE H. ; et al.

**First results of the instrumentation line for the deep-sea ANTARES neutrino telescope.**

*Astroparticle Physics* Vol. 26 Numéro 04-05 (2006) 314-324

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; et al.

**The H.E.S.S. survey of the inner galaxy in very high energy gamma rays.**

*Astrophysical Journal* Vol. 636 Numéro 2 (2006) 777-797

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; ROLLAND L. ; et al.

**First detection of a VHE gamma-ray spectral maximum from a cosmic source: HESS discovery of the Vela X nebula.**

*Astronomy and Astrophysics* Vol. 448 Numéro 2 (2006) L43-L47

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; et al.

**Evidence for VHE  $\gamma$ -ray emission from the distant BL Lac PG 1553+113.**

*Astronomy and Astrophysics* Vol. 448 Numéro 2 (2006) L19-L23

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; et al.

**Discovery of very-high-energy  $\gamma$ -rays from the Galactic Centre ridge.**

*Nature* Vol. 439 Numéro 7077 (2006) 695-698

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; et al.

**A detailed spectral and morphological study of the gamma-ray supernova remnant RX J1713.7-3946 with HESS.**

*Astronomy and Astrophysics* Vol. 449 Numéro 1 (2006) 223-242

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; et al.

**A low level of extragalactic background light as revealed by  $\gamma$ -rays from blazars.**

*Nature* Vol. 440 Numéro 7087 (2006) 1018-1021

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; ROLLAND L. ; et al.

**Discovery of very high energy  $\gamma$ -ray emission from the BL Lacertae object H 2356-309 with the HESS Cherenkov telescopes.**

*Astronomy and Astrophysics* Vol. 455 Numéro 2 (2006) 461-466

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; et al.

**Discovery of the two 'wings' of the Kookaburra complex in VHE  $\gamma$ -rays with HESS.**

*Astronomy and Astrophysics* Vol. 456 Numéro 1 (2006) 245-251

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; et al.

**Observations of the Crab nebula with HESS.**

*Astronomy and Astrophysics* Vol. 457 Numéro 3 (2006) 899-915

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; ROLLAND L. ; et al.

**Energy dependent  $\gamma$ -ray morphology in the pulsar wind nebula HESS J1825-137.**

*Astronomy and Astrophysics* Vol. 460 Numéro 2 (2006) 365-374

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; ROLLAND L. ; et al.

**Fast variability of Tera-electron volt  $\gamma$  rays from the radio galaxy M87.**

*Science* Vol. 314 Numéro 5804 (2006) 1424-1427

AHARONIAN F., GLICENSTEIN J.F. ; GORET P. ; ROLLAND L. ; et al.

**HESS observations of the galactic center region and their possible dark matter interpretation.**

*Physical Review Letters* Vol. 97 Numéro 22 (2006) 221102/1-221102/5

## SPP

### 2005

#### Articles de revues

HUNDERTMARK S., KOUCHNER A.

**High energy neutrino astronomy.**

*Comptes Rendus Physique* Vol. 6 Numéro 7 (2005) 789-797

### 2006

#### Articles de revues

ANGHINOLFI M., HALLEWELL G. ; VERNIN P. ; et al.

**The deep-sea hub of the ANTARES neutrino telescope.**

*Nuclear Instruments and Methods in Physics Research A-Accelerators, Spectrometers, Detectors and Associated Equipment* Vol. 567 Numéro 2 (2006) 527-530