

## **Contributions SAP à des congrès/colloques en 2004**

### **203rd Meeting of the American Astronomical Society (AAS) - 2004, Atlanta, Etats-unis, 04/01/2004 - 08/01/2004**

ALBERT J., REFREGIER A. ; et al.  
Two-and three-dimensional maps of dark matter distribution in the GOODS survey.  
Ed. : AAS ; Proc. (2003) 8906.

EIKENBERRY S.S., CORBEL S. ; et al.  
Infrared observations of LBV 1806-20 and nearby cluster stars.  
Ed. : AAS ; Proc. (2003) 2501.

### **X-ray and radio connections, Santa Fe, Etats-unis, 03/02/2004 - 06/02/2004**

DECOURCHELLE A.  
Observations of supernova remnants.  
Proc. (2005) 4.02.

### **5th International Gamma-Ray Astrophysics Laboratory (INTEGRAL) Workshop : The Integral Universe - 2004, Munich, Allemagne, 16/02/2004 - 20/02/2004**

CADOLLE BEL M., GOLDWURM A. ; RODRIGUEZ J. ; GOLDONI P. ; CORBEL S. ; SIZUN P.  
INTEGRAL XMM-Newton and Rossi-XTE observations of the state transition of the x-ray transient and blackhole candidate XTE J1720-318.  
Proc. (2004) 215.

CADOLLE BEL M., GOLDWURM A. ; RODRIGUEZ J. ; GOLDONI P. ; CORBEL S. ; SIZUN P.  
Black-hole candidate XTE J1720-318.  
Ed. : ESA ; Proc. (2004) 215.

CASSE M.  
INTEGRAL and light dark matter  
Proc. (2004) 65.

CHATY S.  
Revealing the nature of the highly obscured galactic source IGRJ 16318-4848.  
Proc. (2004) 364.

CORDIER B., ATTIE D. ; CASSE M. ; PAUL J. ; SCHANNE S. ; SIZUN P.  
Search for a light dark matter annihilation signal in the Sagittarius dwarf galaxy.  
Ed. : ESA ; Proc. (2004) 581.

DIEHL R., SCHANNE S.  
Al(26) studies with INTEGRAL's spectrometer SPI.  
Ed. : ESA ; Proc. (2004) 27.

FOSCHINI L., RODRIGUEZ J. ; GOLDWURM A. ; CORBEL S.  
High-energy emission from IGR J16320-4751.  
Proc. (2004) 247.

KNODLSEDER J., SCHANNE S.  
Search for gamma-ray line emission from the radioactive decay of  $^{60}\text{Fe}$  with SPI.  
Ed. : ESA ; Proc. (2004) 123.

LONJOU V., DUROUCHOUX PH. ; CHAPUIS C.

SPI observations of positron annihilation radiation from the 4th galactic quadrant: spectroscopy  
Ed. : ESA ; Proc. (2004) , 129.

MIRABEL I. (Invited talk)

Microquasar-AGN-GRB connections.  
Ed. : ESA.

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

A Search for  $^{44}\text{Ti}$  lines from young galactic supernova remnants with IBIS/ISGRI  
Ed. : ESA ; Proc. (2004) 81.

RODRIGUEZ J., FUCHS Y. ; CORBEL S.

Strong QPOs and high energy tail in simultaneous RXTE/INTEGRAL observations of GRS 1915+105.  
Proc. (2004) 377.

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

Hypernovae as possible sources of galactic positrons.  
Ed. : ESA ; Proc. (2004) 73.

STRONG A.W., LEBRUN F.

SPI measurements of the diffuse galactic hard X-rays continuum.  
Ed. : ESA ; Proc. (2004) 507.

TOMSICK J.A.

An INTEGRAL observation of the black hole transient 4U 1630-47 and the Norma region of the galaxy  
Proc. (2004) 413.

VON KIENLIN A., ATTIE D. ; SCHANNE S. ; CORDIER B.

Search for  $^{44}\text{Ti}$  gamma-ray line emission from GRO J0852-4642 with INTEGRAL/SPI.  
Ed. : ESA ; Proc. (2004) 87.

WEIDENSPONTNER G., DUROUCHOUX PH. ; CHAPUIS C.

SPI observations of positron annihilation radiation from the 4th galactic quadrant: sky distribution  
Ed. : ESA ; Proc. (2004) 133.

**International Astronomical Union (IAU) Colloquium 195 : Outskirts of Galaxy Clusters : Intense Life in the Suburbs - 2004, Turin, Italie, 12/03/2004 - 16/03/2004**

DUC P., ELBAZ D. ; et al.

Luminous infrared starbursts in a cluster of galaxies.

**Rencontres de Moriond : Young Local Universe - 2004, La Thuile, Italie, 21/03/2004 - 28/03/2004**

DUC P.(Invited talk)

Modes of star formation in and around interacting systems.

**'Titan International Conference "From Discovery To Encounter" - 2004', Noordwijk, Pays-bas, 13/04/2004 - 17/04/2004**

BRAHIC A.

The voyager odyssey  
Proc. (2004) 181.

**204th Meeting of the American Astronomical Society (AAS) - 2004, Denver, Etats-unis,  
30/05/2004 - 03/06/2004**

GRIFFIN M.J., ANDRE P. ; et al.  
Galactic star formation surveys with Herschel.  
Ed. : AAS ; Proc. (2004) 8102.

GRIFFIN M.J., VIGROUX L.  
SPIRE: Herschel's imaging photometer and spectrometer.  
Proc. (2004) 9303.

**Workshop on the Multiwavelength Approach to Unidentified Gamma-Ray Sources - 2004, Hong  
Kong, Chine, 01/06/2004 - 04/06/2004**

COMBI J.A., RIBO M. ; MIRABEL I.  
On the nature of the unidentified X-ray/  $\gamma$ -ray sources IGR J18027-1455 and IGR J21247+5058.  
Proc.in Astrophysics and Space Science, Vol. 297 N. 01 (2005) 385.

RIBO M., COMBI J.A. ; MIRABEL I.  
Towards a population of HMXB/NS microquasars as counterparts of low-latitude unidentified EGRET  
sources.  
Proc.in Astrophysics and Space Science, Vol. 297 N. 01 (2005) 143.

**4ème Semaine de l'Astrophysique Française (SF2A) - 2004, Paris, France, 14/06/2004 -  
18/06/2004**

BALLOT J., BRUN A.S. ; TURCK-CHIEZE S.  
Turbulent convection in young solar-like stars: influence of rotation.

BRUN A.  
Turbulent convection and dynamo action in A and G type stars.

CADOLLE BEL M., RODRIGUEZ J. ; SIZUN P. ; GOLDWURM A. ; GOLDONI P. ; CORBEL S.  
High-energy observations of the state transition of the x-ray nova XTE J1720-318.  
Ed. : EDP Sciences ; Proc. (2004) 331.

DOUCET C., PANTIN E. ; LAGAGE P.O.  
20 microns views on intermediate Haebe dust disk  
Ed. : SF2A ; Proc. (2004) 73.

DUCHENE G., BOUVIER J. ; BONTEMPS S. ; ANDRE P. ; MOTTE F.  
A high angular resolution survey for multiple systems among protostars.

GALLETTI P., FOGLIZZO T.  
Instability of stalled accretion shocks: adiabatic & non-adiabatic processes.  
Proc. (2004) 429.

GARCIA R.A., TURCK-CHIÈZE S. ; BALLOT J. ; COUVIDAT S. ; MATHUR S. ; ET AL.  
The solar radiative interior: gravity modes and future instrumentation.  
Ed. : EDP Sciences ; Proc. (2004) 99.

GOLDONI P., FILLIATRE P.J.  
The X-shooter spectrograph  
Ed. : EDP Sciences ; Proc. (2004) , 679.

HENNEBELLE P., PERETTO N. ; ANDRE P.  
Collapse and fragmentation of self-gravitating filaments.  
Proc. 283.

HENNEBELLE P., AUDIT E.

Thermal condensation in atomic hydrogen driven by turbulence.

MARTIN-HERNANDEZ N.L., SCHAEERER D. ; SAUVAGE M.

Mid-infrared observations of embedded super-star clusters at high spatial resolution

Editeur : EDP Sciences ; Proc. (2004) 639.

PIAU L., BALLOT J. ; TURCKCHIEZE S.

Asteroseismology in open-clusters

Ed. : EDP Sciences ; Proc. (2004) 319-320.

RENAUD M., LEBRUN F. ; TERRIER R. ; PRANTZOS N. ; DECOURCHELLE A. ; BALLETT J.

Search of young remnants of galactic supernovae by line emission of  $^{44}\text{Ti}$  with INTEGRAL.

RENAUD M., LEBRUN F. ; TERRIER R. ; DECOURCHELLE A. ; BALLETT J. ; PRANTZOS N.

Search for  $^{44}\text{Ti}$  line emission from young galactic supernova remnants with INTEGRAL.

Ed. : EDP Sciences ; Proc. (2004) 393.

RODRIGUEZ J., FUCHS Y.

Simultaneous INTEGRAL/RXTE observations of GRS 1915+105.

Proc. (2004) 437.

RODRIGUEZ J.

IGR J191-40+0951 as seen by INTEGRAL and RXTE.

Ed. : EDP Sciences ; Proc. (2004)

TERRIER R., LEBRUN F.

On the soft gamma-ray interstellar emission.

Ed. : EDP Sciences ; Proc. (2004) 391.

TURCK-CHIEZE S., GARCIA R.A. ; CARTON P. ; BALLOT J. ; BARRIERE J.C. ; DESFORGES D. ; DELBART A. ; GRANELLI R. ; MATHUR S. ; NUNIO F. ; PIRET Y. ; et al.

The GOLF new generation spectrometer dedicated to the solar internal dynamics.

TURCK-CHIÈZE S., COUVIDAT S. ; GARCIA R.A.

Gravity modes: present and future.

TURCK-CHIEZE S.

Quiet or active sun and the neutrino properties.

TURCK-CHIÈZE S.

How does helioseismology constrain solar neutrino properties.

TURCK-CHIÈZE S.

Solar models and solar neutrinos.

WEIDENSPÖTNER G., CHAPUIS C. ; DUROUCHOUX PH.

The first year of INTEGRAL/SPI status of 511 keV positron annihilation line observations.

Proc. (2004) 415.

**SPIE Conference on Millimeter and Submillimeter Detectors for Astronomy II - 2004, Glasgow, Royaume-uni, 23/06/2004 - 25/06/2004**

SIMOENS F., AGNESE P. ; CARCEY J. ; CIGNA J. ; PORNIN J. ; REY P. ; VANDENEYNDE A. ;

RODRIGUEZ L. ; BOULADE O. ; LE PENNEC J. ; MARTIGNAC J. ; DOUMAYROU E. ; REVERET V. ; VIGROUX L.

Submillimeter bolometers arrays for the PACS/Herschel spectro-photometer.

Eds : Zmizinas J. ; Proc. (2004) 177.

**Dome C Astronomy/Astrophysics Meeting - 2004, Toulouse, France, 28/06/2004 - 01/07/2004**

MINIER V., REVERET V. ; RODRIGUEZ L. ; LE PENNEC J. ; ANDRE P. ; HOREAU B. ; AGNESE P.  
CEA development of filled bolometer arrays at submillimeter wavelengths.  
Ed. : EDP Sciences ; Proc. (2005) 343.

**77 International Enrico Fermi School of Physics on Background Microwave Radiation and Intracluster Cosmology - 2004, Varenna, Italie, 06/07/2004 - 16/07/2004**

ARNAUD M.  
X-ray observations of clusters of galaxies.  
Proc. (2005).

**5th Microquasar Workshop - Microquasars and Related Astrophysics - 2004, Pékin, Chine, 07/07/2004 - 13/07/2004**

BELMONT R., TAGGER M. (Oral Talk)  
Magnetic pumping in accretion disk coronae.  
Proc. in Chinese Journal of Astronomy and Astrophysics, Vol. 5 N. suppl (2005) 43-48.

CHATY S., FILLIATRE P.J. (Oral Talk)  
INTEGRAL reveals a new class of obscured high mass X-ray binaries: focus on IGR J16318-4848.  
Proc. in Chinese Journal of Astronomy and Astrophysics, Vol. 5 N. suppl (2005) 104-109.

RIBO M., COMBI J.A. ; MIRABEL I. (Oral Talk)  
Exploring the INTEGRAL sources in search for new microquasars.  
Proc. in Chinese Journal of Astronomy and Astrophysics, Vol. 5 N. suppl (2005).

TORRES D.F., ROMERO G.E. ; MIRABEL I.F.  
Neutrinos from Microquasars.  
Proc. in Chinese Journal of Astronomy and Astrophysics, Vol. 5 N. suppl (2005) 183-188.

**14th SOHO / GONG Symposium - Helio and Asteroseismology: Towards a Golden Future (SOHO GONG - 2004), Yale, Etats-unis, 12/07/2004 - 16/07/2004**

BALLOT J., GARCIA R.A. ; LAMBERT P. ; TESTE A.  
Seismic extraction of rotation parameters in solar-like stars: the problem of the rotation axis inclination.  
Proc. (2004) 1.

BROWN B.P., BROWNING M.K. ; BRUN A. ; TOOMRE J. (Poster)  
Differential rotation when the sun spun faster.

BRUN A. (Invited talk ; Poster)  
3-D MHD simulations of the solar convection zone and tachocline.

CHAPLIN W.J., GARCIA R.A. ; et al.  
FLAG hare-and-bounds exercise: on the extraction of sectoral mode splittings from full-disc, sun-as-a-star data.  
Ed. : ESA ; Proc. (2004) 1.

EFF-DARWICH A., GARCIA R.A. ; et al.  
PCA inversions for the rotation of the solar radiative interior.  
Proc. (2004) 1.

GARCIA R.A., TURCK-CHIEZE S. ; BALLOT J. ; et al.  
Solar low-degree p-mode parameters after 8 years of velocity measurements with SOHO.  
Proc. (2004) 1.

GARCIA R.A., JIMENEZ-REYES S.J. ; TURCK-CHIÈZE S. ; MATHUR S.  
Heliosismology from the blue and red wings of the Na profile as seen by GOLF.  
Proc. (2004) 1.

JIMENEZ A., JIMENEZ-REYES S.J. ; GARCIA R.A.  
The high frequency spectrum of VIRGO and GOLF experiments aboard SOHO.  
Proc. (2004) 1.

JIMENEZ-REYES S.J., GARCIA R.A. ; HENNEY C.  
On the strange behaviour of the p-mode peak asymmetry observed in GOLF data.  
Proc. (2004) 1.

NGHIEM P.  
Chromospheric modes: what are they, and are they interesting ?  
Proc. (2004) 1.

NGHIEM P.  
The radial wavenumber of global acoustic modes.  
Proc. (2004) 1.

NGHIEM P.  
Global magnetic field strength at solar surface: mean value and variations with the activity cycle.  
Proc. (2004) 1.

TURCK-CHIÈZE S., GARCIA R.A. ; COUVIDAT S. ; BALLOT J. ; MATHUR S. ; NGHIEM P. ; et al.  
Gravity modes with a resonant scattering spectrophotometer.  
Proc. (2004) 1.

**35th Committee on Space Research (COSPAR) Scientific Assembly - 2004, Paris, France,  
18/07/2004 - 25/07/2004**

ARNAUD M.  
Cosmology with XMM-Newton observations of galaxy clusters.  
Ed. : CNES ; Proc. (2004) 50.

BALLET J.  
X-ray synchrotron emission from supernova remnants.  
Proc. in Advances in Space Research, Vol. 37 N. 10 (2006) 1902.

CADOLLEBEL M., SIZUN P. ; RODRIGUEZ J. ; LAURENT P. ; GOLDONI P.  
The high energy spectrum of Cygnus XI as measured by Integral.  
Proc. in Advances in Space Research, Vol. 38 N. 7 (2006) 1354.

CORDIER B.  
The high-energy devices for a future gamma-ray burst mission.  
Proc. in Advances in Space Research, Vol. 38 N. 7 (2006) 1443.

FOSCHINI L., RODRIGUEZ J.  
The application of slim disk to ULX: the case of M33X-8.  
Proc. in Advances in Space Research, Vol. 38 N. 7 (2006) 1378.

LEBRUN F.  
Integral resolves the soft gamma-ray emission of the Milky Way.  
Ed. : CNES ; Proc. (2004) 52.

SCHANNE S., CASSE M. ; CORDIER B. ; PAUL J.  
Hypernovae and light dark matter as possible galactic positron sources.  
Proc. in Advances in Space Research, Vol. 38 N. 7 (2006) 1443.

TURCK-CHIEZE S., COUVIDAT S. ; GARCIA R.A.  
Solar gravity modes: present and future  
Proc. in Advances in Space Research, Vol. 37 N. 8 (2006) 1569.

**IEEE Nuclear and Space Radiation Effects Conference (NSREC - 2004), Atlanta, Etats-unis,  
19/07/2004 - 23/07/2004**

CLARET A., LIMOUSIN O. ; LUGIEZ F. ; LAURENT P. ; RENAUD M.  
Particle effects on the ISGRI instrument on-board the INTEGRAL satellite.  
Proc. in IEEE Transactions on Nuclear Science, Vol. 51 N. 6 (2004) 3413.

**International Symposium on High Energy Gamma-Ray Astronomy - 2004, Heidelberg,  
Allemagne, 26/07/2004 - 30/07/2004**

MASSI M., RIBO M. ; et al.  
The gamma-ray emitting microquasar LS1+61 303.

**American Astronomical Society - HEAD Meeting, New Orleans, Etats-Unis, 08/09/2004 -  
11/09/2004**

KALEMCI E., CORBEL S.  
Multi-wavelength observations of the galactic black hole transient 4U 1543-47 during outburst decay:  
state transitions and jet formation.  
Proc. (2004) 927.

TOMSICK J.A., CORBEL S. ; GOLDWURM A.  
Hard X-ray observations of the black hole x-ray transient 4U 1630-47 and the Norma region of the  
galaxy.  
Proc. (2004) 926.

**'Aussois Summer School n°14 - "Dynamique des Fluides Stellaires et Simulations Numériques  
Associées" - 2004', Aussois, France, 26/09/2004 - 01/10/2004**

BRUN A.  
Spectral magnetohydrodynamic simulations of the sun and stars  
Ed. : EDP Sciences ; Proc. (2004).

**Multiband Approach to AGN - 2004, Bonn, Allemagne, 30/09/2004 - 02/10/2004**

CORBEL S.  
Large scale jets in Microquasars.  
Proc. in Memorie della Societa Astronomica Italiana, Vol. 76 (2005) 73.

MASSI M., RIBO M. ; et al.  
The periodic microquasar LS1+61°303 in the radio and gamma-ray bands.  
Ed. : Società Astronomica Italiana ; Proc. in Memorie della Societa Astronomica Italiana.

**7th European VLBI Network Symposium on New Developments in VLBI Science and  
Technology - 2004, Tolède, Espagne, 12/10/2004 - 15/10/2004**

RIBO M., DHAWAN V. ; MIRABEL I.  
The asymmetric compact jet of GRS 1915+105.

**IEEE Nuclear Science Symposium and Medical Imaging Conference (NSS/MIC - 2004), Rome, Italie, 16/10/2004 - 22/10/2004**

LIMOUSIN O., GEVIN O. ; LUGIEZ F. ; CHIPAUX R. ; DELAGNES E. ; DIRKS B. ; HOREAU B.  
IDeF-X ASIC for Cd(Zn)Te spectro-imaging systems.  
Ed. : IEEE ; Proc. in IEEE Transactions on Nuclear Science, Vol. 52 N. 5 part 3 (2005) 1595-1602.

**The Dusty and Molecular Universe. A Prelude to HERSCHEL and ALMA - 2004, Paris, France, 27/10/2004 - 29/10/2004**

ANDRE P., SARACENO P.  
Probing the earliest phases of star formation: an HERSCHEL photometric survey of nearby molecular clouds.  
Ed. : ESA ; Proc. (2005) 179.

MINIER V.  
High-mass star formation in the southern hemisphere sky.  
Ed. : ESA ; Proc. (2005) 201.

**36th Meeting AAS Division for Planetary Sciences - 2004, Louisville, Etats-unis, 08/11/2004 - 12/11/2004**

MURRAY C.D., BRAHIC A.  
Cassini ISS observations of Saturn's F ring region  
Proc. (2004).

PORCO C.C., BRAHIC A.  
Waves, wips, wakes, kinks, and other ring features observed in the Cassini SOI imaging sequence  
Proc. (2004).

**American Geophysical Union (AGU) Fall meeting - 2004, San Francisco, Etats-unis, 13/12/2004 - 17/12/2004**

PORCO C.C., BRAHIC A.  
Splendor in the rings...as seen by the Cassini imaging science experiment  
Proc. (2004) 3.

SPITALE J., CHARNOZ S. ; BRAHIC A.  
Cassini imaging science: orbits of moons and rings  
Proc. (2004) 1S.

**Contributions SAP à des congrès/colloques en 2005**

**American Astronomical Society - 205th meeting, San Diego, Mexique, 09/01/2005 - 13/01/2005**

TEEGARDEN B.J., SCHANNE S.

INTEGRAL/SPI observations of Electron-Positron annihilation radiation from our galaxy.

Ed. : AAS ; Proc. (2004) 1482.

TOMSICK J.A., CORBEL S.

Multi-wavelength observations of GX 339-4: first Spitzer detection of a black hole binary.

Proc. (2004) 1516.

**4th International Conference on Physics in Signal and Image Processing (PSIP-2005),  
Toulouse, France, 31/01/2005 - 02/02/2005**

MOUDDEN Y., ABRIAL P. ; VIELVA P. ; MELIN J.B. ; STARCK J.L ; CARDOSO J.F. ;  
DELABROUILLE J. ; NGUYEN M.K.

Independent component separation from incomplete spherical data using wavelets. Application to CMB data analysis.

Proc. (2005) 23-28.

**'Rencontres de Moriond - "Very High Energy Phenomena in the Universe" - 2005', La Thuile,  
Italie, 12/03/2005 - 19/03/2005**

CHATY S.

Microquasars and jets

Proc. (2005).

**Towards a Network of Atmospheric Cherenkov Detectors VII - 2005, Palaiseau, France,  
27/04/2005 - 29/04/2005**

GORET P., DELAGNES E. ; NAYMAN P. ; TOUSSENEL F. ; VINCENT P.

SAM (Swift Analogue Memory): a new GHz sampling ASIC for the HESS-II FEE.

Eds : Degrange B., Fontaine G.; Proc. (2006) 501-508.

**3rd GRETA (Gamma-Ray Energy Tracking Array) Meeting on Radiative Transfer and  
Application to Very Large Telescopes - 2005, Fréjus, France, 11/05/2005 - 13/05/2005**

AUDIT E., GONZALEZ M.

HERACLES: a three dimensional radiation hydrodynamics code.

Proc. (2006) 115.

**Element Stratification in Stars: 40 years of Atomic Diffusion - 2005, Mons, France, 06/06/2005 -  
10/06/2005**

BRUN A.S.

On the coupled influence of rotation and magnetism in convective core of A-type stars.

Ed. : EDP Sciences ; Proc. (2005) 203.

TURCK-CHIEZE S., COUVIDAT S. ; PIAU L.

Helioseismology. Neutrinos and radiative zones

Ed. : EDP Sciences ; Proc. (2005) 149-154.

**4th International Conference on New Developments in Photodetection (Beaune-2005), Beaune, France, 19/06/2005 - 24/06/2005**

BILLOT N., AGNESE P. ; BOULADE O. ; CIGNA C. ; DOUMAYROU E. ; HOREAU B. ; LE PENNEC J. ; MARTIGNAC J. ; OKUMURA K. ; PORNIN J.L. ; REVÉRET V. ; RODRIGUEZ L. ; SAUVAGE M. ; SIMOENS F. ; VIGROUX L. ; REVÉRET V.

Recent achievements on the development of the HERSCHEL/PACS bolometer arrays.

Proc. in Nuclear Instruments and Methods in Physics Research A-Accelerators, Spectrometers, Detectors and Associated Equipment, Vol. 567 N. 1 (2006) 137.

DELAGNES E., DEGERLI Y. ; GORET P. ; NAYMAN P. ; TOUSSENEL F. ; VINCENT P.

SAM: a new GHz sampling ASIC for the H.E.S.S.-II front-end electronics.

Proc. in Nuclear Instruments and Methods in Physics Research A-Accelerators, Spectrometers, Detectors and Associated Equipment, Vol. 567 N. 1 (2006) 21-26.

DIRKS B., BLONDEL C. ; DALY F. ; GEVIN O. ; LIMOUSIN O. ; LUGIEZ F.

Leakage current measurements on pixelated CdZnTe detectors.

Proc. in Nuclear Instruments and Methods in Physics Research A-Accelerators, Spectrometers, Detectors and Associated Equipment, Vol. 567 N. 1 (2006) 145-149.

FOROT M., LAURENT P. ; LEBRUN F. ; LIMOUSIN O.

Compton telescope with coded aperture mask: Application to the INTEGRAL / IBIS Compton mode.

Proc. in Nuclear Instruments and Methods in Physics Research A-Accelerators, Spectrometers, Detectors and Associated Equipment, Vol. 567 N. 1 (2006) 158.

GEVIN O., LUGIEZ F. ; LIMOUSIN O. ; BARON P. ; BLONDEL C. ; COPPOLANI X. ; DIRKS B. ; DELAGNES E.

IDEF-X V1.0: A new 16-channel low-noise analog front-end for Cd(Zn)Te detectors.

Proc. in Nuclear Instruments and Methods in Physics Research A-Accelerators, Spectrometers, Detectors and Associated Equipment, Vol. 567 N. 1 (2006) 140-144.

LEBRUN F.

Semiconductor detectors for soft gamma-ray astrophysics.

Proc. in Nuclear Instruments and Methods in Physics Research A-Accelerators, Spectrometers, Detectors and Associated Equipment, Vol. 563 N. 1 (2006) 200.

SCHANNE S., CORDIER B. ; LIMOUSIN O. ; PAUL J.

The ECLAIRs micro-satellite mission for gamma-ray burst multi-wavelength observations.

Proc. in Nuclear Instruments and Methods in Physics Research A-Accelerators, Spectrometers, Detectors and Associated Equipment, Vol. 567 N. 1 (2006) 327.

**Semaine de l'Astrophysique Française de la SF2A - 2005, Strasbourg, France, 27/06/2005 - 01/07/2005**

JOUVE L., BRUN A.S.

The influence of multicellular meridional flows in setting the cycle period in solar dynamo models.

Proc. (2005) 763.

MINIER V., ANDRE P. ; MOTTE P. (Communication non intégrée aux actes)

High-mass star formation: new results and observational prospects.

Proc. (2005) 405.

TURCK-CHIEZE S., GARCIA R.A. ; CARTON P. ; BALLOT J. ; MATHUR S.

The GOLF new generation: a spectrometer for the quest of solar gravity modes

Proc. (2005) 167.

**Mass profiles and shapes of cosmological structures, Paris, France, 04/07/2005 - 09/07/2005**

CASSE M., FAYET P.

Light dark matter.

Ed. : EDP Sciences ; Proc. (2006) 201.

NEUMANN D.

Tracing the x-ray emitting intra-cluster medium of clusters of galaxies beyond v200.

Proc. (2006) 179.

**49th SPIE Annual Meeting on Wavelets XI - 2005, San Diego, Etats-unis, 31/07/2005 - 04/08/2005**

MOUDDEN Y., ABRIAL P. ; STARCK J.L.

Wavelets, ridgelets, curvelets on the sphere and applications.

Ed. : SPIE - The International Society for Optical Engineering ; Proc. (2005) 217-231.

**EPS Euroconference XIX nuclear physics divisional conference : new trends in nuclear physics applications and technology, Pavia, Italie, 05/09/2005 - 09/09/2005**

SCHANNE S.

Observing with a space-borne gamma-ray telescope: selected results from INTEGRAL.

Proc. in Journal of Physics: Conference Series, Vol. 41 (2006) 46.

**20ème Colloque GRETSI sur le Traitement du Signal et des Images (GRETSI - 2005), Louvain La Neuve, Belgique, 06/09/2005 - 09/09/2005**

CARDOSO J.F., ABRIAL P. ; MOUDDEN Y. ; STARCK J.L. ; DELABROUILLE J.

Statistiques direction-multipôle pour la séparation de composantes dans le fonds de rayonnement cosmologique.

Proc. in Traitement du Signal.

**IEEE International Conference on Image Processing (ICIP - 2005), Gênes, Italie, 11/09/2005 - 14/09/2005**

ABRIAL P., STARCK J.L. ; MOUDDEN Y. ; NGUYEN M.K.

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