

Saturday, 24 July 2004 - Morning

NUCLEOSYNTHESIS IN SUPERNOVA REMNANTS
(joint session E1.4 / E1.5)

Lecture Room: Salle 342 A

Chairperson: DECOURCHELLE, A.

- 9:30 - COSPAR04-A-04529; E1.4-0047-04
- 10:00 **von Ballmoos, P.**
Perspectives of SNR observations in gamma-ray lines (solicited)
- 10:00 - [COSPAR04-A-04136](#); [E1.4-0048-04](#)
- 10:25 **Smith, D. M.**; Wunderer, C. B.
RHESSI observations of galactic nuclear lines
- 10:25 - [COSPAR04-A-03560](#); [E1.4-0050-04](#)
- 10:40 **Borkowski, K.J.**; Hendrick, S.P.; Reynolds, S.P.
Supernova ejecta in Magellanic Clouds remnants
- 10:40 - [COSPAR04-A-03254](#); [E1.4-0045-04](#)
- 10:55 **Koo, B.-C.**; Kang, J.-h.
Hidden old supernova remnants: prediction and discovery
- 10:55 COFFEE BREAK
- 11:30 - [COSPAR04-A-04023](#); [E1.4-0051-04](#)
- 12:00 **Vink, J.**
Gamma-Ray Observations of Supernova Nucleosynthesis (solicited)
- 12:00 - [COSPAR04-A-02694](#); [E1.4-0052-04](#)
- 12:15 Renaud, M.; Lebrun, F.; Terrier, R.; Prantzos, N.; Decourchelle, A.; Ballet, J.
The study of young galactic supernovae through ^{44}Ti gamma-ray line emission with Integral
- 12:15 - [COSPAR04-A-03908](#); [E1.4-0053-04](#)
- 12:35 **Hughes, J.P.**
Observing Nucleosynthesis in Type Ia Supernova Remnants (solicited)
- 12:35 - [COSPAR04-A-00196](#); [E1.4-0054-04](#)
- 12:50 **Badenes, C.**; Bravo, E.; Borkowski, K.
A model grid for the spectral analysis of X-ray ejecta emission in young Type Ia SNRs
- 12:50 LUNCH BREAK

Saturday, 24 July 2004 - Afternoon

Gamma-Ray Spectroscopy with INTEGRAL

Lecture Room: Bureau 324

Chairperson: VON BALLMOOS, P.

14:30 - COSPAR04-A-04527; E1.5-0001-04

15:00 **Isern, J.**

The science of gamma-ray spectroscopy (solicited)

15:00 - COSPAR04-A-04526; E1.5-0002-04

15:30 **Knödlseeder, J.**

Gamma-ray spectroscopy measurements with INTEGRAL (solicited)

15:30 - [COSPAR04-A-02698](#); [E1.5-0003-04](#)

15:50 **Kretschmer, K.**; Diehl, R.; Hartmann, D. H.; Strong, A. W.

²⁶Al spectroscopy with SPI: the challenge to detect Galactic rotation

15:50 - [COSPAR04-A-03638](#); [E1.5-0004-04](#)

16:10 **Higdon, J.**; Lingenfelter, R; Rothschild, R

The close binary snib/c contribution to the diffuse galactic 1.809 mev line emission from the decay of ²⁶al

16:10 - [COSPAR04-A-02307](#); [E1.5-0005-04](#)

16:20 **Schanne, S.**; Cassé, M.; Cordier, B.; Paul, J.

Hypernovae and light dark matter as possible Galactic positron sources

16:20 - [COSPAR04-A-02862](#); [E1.5-0006-04](#)

16:30 **Attíe, D.**; Chernyakova, M.; Kretschmar, P.; Kreykenbhom, I.; Schanne, S.; Sizun, P.; Staubert, R.; von Kienlin, A.

Cyclotron lines in INTEGRAL/SPI spectra of Vela X-1

16:30 - [COSPAR04-A-00099](#); [E1.5-0007-04](#)

16:40 **Rea, N.**; Stella, L.; Israel, G.L.; Matt, G.; Segreto, A.; Orlandini, M.

Puzzling eclipse in GX 1+4 : a wonderful reflection component allowing new predictions

16:40 COFFEE BREAK / POSTER VIEWING