

Titarchuk Lev

Position: Professor of University of Ferrara and
senior scientist of Goddard Space Flight Center
Period covered: 1st Nov 2008 - 1st Nov 2009.



I Scientific Work

1. Titarchuk, L., Shaposhnikov, N 2008, ApJ, 678, 1230
2. Farinelli, R., Titarchuk, L. , Paizis, A., Frontera, F. 2008, ApJ, 680, 602
3. Montanari, E., Titarchuk, L., Frontera, F. 2009, ApJ, 652, 1597
4. Farinelli, R., Paizis, A., Landi, R. & Titarchuk, L. 2009, A&A, 498, 509
5. Shaposhnikov, N., Titarchuk, L. 2009, ApJ, 699, 453
- 6 Shaposhnikov, N., Titarchuk, L, Laurent, P. 2009, ApJ, 699, 1223
7. Gliozzi, M, Satyapal, S., Eracleous, M., Titarchuk, L. Cheung, C. C. ApJ, 700, 1759
8. Titarchuk, L., Laurent, P., Shaposhnikov, N. 2009, ApJ, 700, 1831
9. Titarchuk, L., Seifina, E. 2009, ApJ, December 10th.

II Conferences and educational activities

Conferences and Other External Scientific Work

1. Zeldovich meeting in Minsk, April 2009
2. ICRANET seminar in the end of August, 2009
3. Marcel Grossman meeting in July 2009, Paris
4. Agile meeting in Rome in the end of September
5. Ferrara meeting on Compact objects from 11-12 of September

Work With Students

Working with ICRANET PhD student Chiara Ceccobello on her thesis.

Work With Postdocs

Drs. Ruben Farinelli, Enrico Montanari

List of Publications

1 2007 L. Titarchuk, S. Kuznetsov & N. Shaposhnikov ``Correlations between X-ray spectral and timing characteristics in Cygnus X-2'' ApJ, 667, 404

2 2008 L. Titarchuk & N. Shaposhnikov "On the Nature of the Variability Power Decay Towards Soft Spectral States in X-Ray Binaries: Case Study in Cyg X-1" (72717). ApJ, 678, 1230

3 2008 R. Farinelli, L. Titarchuk, A. Paizis, F. Frontera ``A new Comptonization model for low-magnetized accreting neutron stars in low mass X-ray binaries'' ApJ, 680, 602

4 2008 E. Montanari, L. Titarchuk & F. Frontera ``BeppoSAX Observations of the Power and Energy Spectral Evolution in the Black Hole Candidate XTE J1650-500'' ApJ, accepted