

X-ray Astronomy: towards the next 50 years!

Second announcement

Dear colleagues,

to mark the 50th anniversary of the discovery of the first extrasolar X-ray source and of the X-ray background by Giacconi, Gursky, Paolini, and Rossi, the Astronomical Observatory of Brera (<http://www.brera.inaf.it>) and the Istituto di Astrofisica Spaziale e Fisica Cosmica (<http://www.iasf-milano.inaf.it>) of INAF (<http://www.inaf.it>) are organizing the conference "X-ray Astronomy: towards the next 50 years!" in Milan, the town where Riccardo Giacconi got his degree in Physics.

The conference will be held at the Museum of Science and Technology (<http://www.museoscienza.org/>) in Milano, Italy, from Oct 1st to Oct 5th, 2012.

The meeting aims at providing an overall review of X-ray astronomy today, focusing on the most challenging open problems and stimulating future perspectives.

SOC: M. Arnaud, X. Barcons, S. Bowyer, C. Canizares, R. Giacconi, F. Harrison, S. Holt, T. Maccacaro, K. Makishima, L. Maraschi, K. Pounds, M. Rees, G. Setti, R. Sunayev, Y. Tanaka, H. Tananbaum, J. Truemper, C. M. Urry

LOC: G. Pareschi, P. Caraveo, V. Braito, R. Della Ceca, A. De Luca, P. Esposito, F. Gastaldello, R. Millul, A. Tiengo, F. Tavecchio, G. Trinchieri

Invited speakers include: H. Boehringer; A. Decourchelle; A. Fabian; R. Fender; G. Ghisellini; R. Gilli; M. Markevitch; S. Murray, K. Nandra; R. Petre, T. Piran; P. Predehl; N. Rea; M. Rees, J.N.Reeves; P. Rosati; J. Schmitt; R. Sunayev, T. Takahashi; A.Tchekhovskoy; E. Treister; A. Vikhlinin,

Topics :

- Compact Objects
- Galactic sources
- Active Galactic Nuclei
- Diffuse Emission from Galaxies and Clusters
- Large Sky Surveys
- The High Energy X-Ray Background
- Future Missions.

A special session will be devoted to the history of X-ray astronomy through its many achievements.

The abstract submission deadline: is May 15th 2012. Late abstracts will be automatically scheduled as posters.

Online registration is now open:

http://www.brera.inaf.it/xrayastronomy_anniversary/registration.html

An early registration fee (including refreshments, lunches and a welcome cocktail) of 350 Euro will be charged up to June 30th 2012; after this date, a late registration fee of 450 Euro will be applied.

PhD students can ask for a reduced fee of 250 Euro. Such applications will be considered on a case by case basis.

More pieces of information about registration, abstract submission, program, special events and logistic are available at the conference website:

http://www.brera.inaf.it/xrayastronomy_anniversary

Since October is a busy month in Milano, we reserved a block of rooms in nearby hotels at a reduced conference rate. To take advantage of such an offer, we advise you to reserve your room as soon as possible.

For any additional information you may need please contact the helpdesk e-mail:

loc-xastro50@brera.inaf.it

Giovanni Pareschi & Patrizia Caraveo on behalf of the LOC