

Instituto de Astronomía
Universidad Nacional Autónoma de México
Sede Ensenada, Baja California, México

Seminario

Miércoles, 31 de Agosto de 2011
11:00 hrs, Auditorio IA-Ensenada

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**“X-ray Astrophysics: an advanced school for Latin
American astronomers”
“A COSPAR Capacity Building Workshop”**

July 25 to August 5, 2011, San Juan, Argentina.



In this talk we report our attendance to the X-ray Astrophysics: an advanced school for Latin American astronomers. The workshop covered the practical usage of Chandra, XMM-Newton and Suzaku X-ray data analysis tools, review the theoretical aspects of X-ray emission, e.g. radiative processes, and highlights of particular aspect of X-ray emission from clusters and groups of galaxies, AGN, CVs, X-ray binaries, neutron stars and black holes, and emission from hot plasmas. Practical classes were led by software experts from NASA, ESA and JAXA; participants learned how to set up and use the appropriate software systems and carried out a short project. The rest of the time was spent in lectures devoted to data processing, statistics, X-ray spectrum determination and the topics in X-ray astronomy mentioned above.