

International Workshop on Astronomical X-Ray Optics (AXRO)



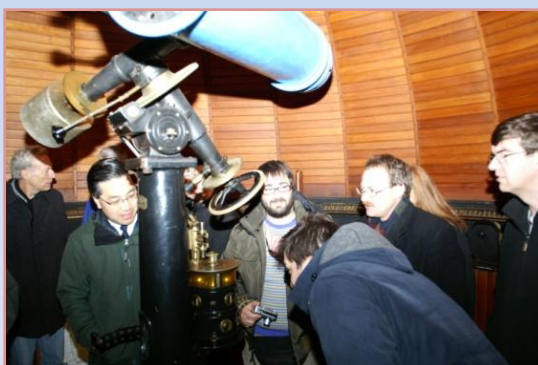
The goal of the workshop was to present and to discuss recent and future technologies for future X-ray astronomy missions such as IXO of ESA/NASA/JAXA and Generation X of NASA. These missions require development of mostly innovative technologies, and we discussed the possibilities, the results obtained so far, and new ideas in detail. It is obvious that the requirements of future large space X-ray astronomy missions are so demanding that they need a truly interdisciplinary approach in a wide international collaboration. The technologies included X-ray optics based on Si wafers, advanced glass forming for precise X-ray optics, but also other possible technologies, as well as related advanced metrology, measurements and tests.



In addition we had one session focused on astrophysical aspects of X-ray telescopes/satellites in which some review talks from leading scientists in this field were given plus some presentations of relevant Czech scientists. The emphasis was given at the astrophysical aspects of future large X-ray astronomy missions.



The workshop was held just after the Czech Republic has joined the ESA as a full member (on Nov 12th, 2008), enabling the full participation of the Czech Institutes in IXO and further projects of ESA. 44 scientists from 8 countries participated in the workshop.



Prague, Villa Lanna,
Dec 2-6, 2008

