

X-ray Astronomy

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X-ray astronomy deals with measurements of electromagnetic radiation in the energy band of about 0.1 to 100 keV. Celestial X-rays are absorbed through interaction with the constituent atoms of the Earth's atmosphere before they reach the ground. Hence, the development of the X-ray astronomy had to wait until the advent of space vehicles, and the X-ray universe remained unknown until the early 1960's. Since the appearance of satellite-based observation, technological advances in launch capability and detection capability make X-ray astronomy one of the most rapidly evolving fields of scientific research. In this talk, I briefly introduce the history of X-ray astronomy, then review the current status and the future plans.