



Contribution ID: 102

Type: **not specified**

Operation principles and requirements for electronics –detector system in solar X-ray instruments

Wednesday, 3 July 2013 16:45 (1h 10m)

Requirements for detector –electronics system and its operation in solar X-ray experiments are discussed. Addressed are the issues related to readout method, thermal stability, radiation hardness, mechanical robustness, data acquisition and telemetry. Examples of solutions used in modern solar X-ray missions are shown. Discussion of the requirements for Micro Pattern Gaseous Detectors and electronics for solar X-rays observations is performed.

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Session Classification: Wednesday (poster session)