

X-Ray Transients in the SRG/eROSITA All-Sky Survey

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Abstract. eROSITA (the extended ROentgen Survey with an Imaging Telescope Array) onboard the *Spectrum Roentgen Gamma* mission will perform a deep all-sky X-ray survey. During the first four years of operation the satellite will scan the entire sky every once every half year, visiting any position between 8 and 500 times. The eROSITA scanning strategy will test a wide range of times-scales, from seconds to years, and thus provide a powerful window into the X-ray transient and variable sky. This contribution summarised the key science opportunities for time-domain studies with eROSITA, and presented strategies for finding transients in the all-sky survey data.

Keywords. X-rays: general, surveys
