



- RAY ASTRONOMY 2019

Current Challenges and New Frontiers in the Next Decade

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eROSITA on SRG

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The next generation of wide-area, sensitive X-ray surveys designed to map the hot and energetic Universe will be heralded by eROSITA (extended ROentgen Survey with an Imaging Telescope Array), the core instrument on the Russian-German Spektrum-Roentgen-Gamma (SRG) mission, successfully launched in July 2019. eROSITA will perform a deep survey of the entire X-ray sky, and will be about 30 times more sensitive than ROSAT in the soft energy band (0.5-2 keV), while in the hard band (2-10 keV) it will provide the first ever true imaging survey of the full sky. I will provide an overview of the science objectives of SRG/eROSITA, report on the status of the mission and highlight the next milestones in the scientific program of observations.

Topic

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