

第 40 回 RESCEU コロキウム



東京大学大学院理学系研究科 附属ビッグバン宇宙国際研究センター

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場 所: 理学部4号館1階ピロティ RESCEU セミナー室

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The eROSITA View of Stellar Endpoints

Abstract

eROSITA (extended ROentgen survey with an Imaging Telescope Array) is an X-ray telescope onboard the Russian Spektrum-RG satellite, which will carry out the first imaging all-sky survey in the X-ray band of 0.2 - 10.0 keV. It will thus bridge the gap between the soft X-ray survey, performed with the German Röntgen Satellite (ROSAT, 0.1–2.4 keV), and the hard X-ray to gamma-ray surveys of the Rossi X-ray Timing Explorer Mission (3–20 keV), International Gamma-Ray Astrophysics Laboratory (17–60 keV), or Fermi Gamma-ray Space Telescope (1 GeV). In the soft X-ray band (0.5–2 keV), eRASS will be 20–30 times more sensitive than the ROSAT all-sky survey. I will give an overview of the mission and discuss science objectives of eRASS, in particular focussing on the study of galactic X-ray sources.

興味をお持ちの方の聴講を歓迎致します。お茶とお菓子を用意しております。