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Astrophysics of Hot Plasma in Extended X-ray Sources

ESAC, 12-14 June 2019

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A2	S. Estrada-Dorado	Deep X-ray study of the supernova remnant LMC-N132 with XMM-Newton
A3	Emanuele Greco	Discovery of a jet-like structure with overionized plasma in the SNR IC 443
A4	J.A. Toala	The XMM-Newton view of the supergiant shell SMC-SGS1
A5	Emanuele Greco	Three-dimensional MHD modeling of SNR IC 443: effects of the inhomogeneous medium in shaping the remnant morphology

Topic B: Galaxies

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C3	Melih Kara	100 deg ² image of the Virgo Cluster
C4	Satish S. Sonkamble	Metal enrichment in galaxy group IC 1262
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Topic D: Plasma Codes

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D2	Gao-Yuan Zhang	Non-equilibrium ionization in mixed-morphology supernova remnant

Topic E: Plasma Modelling and Spectral Fitting

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E2	Wei Sun	Investigation of the NEI stellar cluster wind of NGC 3603

Topic F: Miscellaneous

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F1	Sara Saeedi	Constraints on mixing angle for a sterile neutrino dark matter model using XMM-Newton observations of dwarf spheroidal galaxies