

NewAthena Rising: SWG4

Wednesday 3 June 2026

Ultra-luminous X-ray sources: Chair: M. Middleton, A. Gurspe (10:00 - 12:50)

time	[id] title	presenter
10:00	[5] Probing Extreme Accretion and Outflows in ULXs: The NewAthena Era	BARRA, Francesco
10:25	[26] Super-orbital timing and phase-resolved spectroscopy of NGC 5907 ULX-1: probing geometric beaming in the most luminous ULX pulsar	BRICE, Nabil
10:40	[35] Four shalt thou (not?) count: new detections of mHz quasi-periodic oscillations in pulsating ULXs	IMBROGNO, Matteo
10:55	[45] Spectral and Timing Variability Studies of PKS 2155-304 using Chandra and NuSTAR	THIMMAPPA, Rameshan
11:10	[46] Ultraluminous and Hyperluminous X-ray Sources: Probing Extreme Accretion and Magnetism in Compact Objects (REMOTE)	GHOSH, Tanuman
11:25	Coffee break	
11:55	[39] Feeding the Magnetized Whirlwind: Hunting Highly Magnetized Accreting Neutron Stars with NewAthena	VASILOPOULOS, Georgios
12:20	[6] Ionizing feedback from super-Eddington compact objects in low-metallicity starbursts	CHATZIS, Margaritis
12:35	[32] Resolved extreme ionization around Holmberg II X-1: a new view on ULX radiative feedback	FOGANTINI, Federico A.