

## XMM-Newton Workshop 2024

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1	A. Mancini Pires	<i>Isolated neutron star candidates from 4XMM-DR9</i>
2	A. A. Gencali	<i>Long-term Evolutionary Links Between the Isolated Neutron Star Populations</i>
3	D. Íñiguez Pascual	<i>Fitting X-ray and gamma-ray spectra of all known high-energy pulsars with a synchro-curvature radiation model</i>
4	N. Shchepochin	<i>Nuclear pastas in neutron stars</i>
5	A. Kartha	<i>Investigating a Common Origin among some GRBs and FRBs</i>
6	D. P. Pacholski	<i>INTEGRAL observations of magnetars</i>
7	M. Baring	<i>Pulsed and Polarized X-ray Emission from Neutron Star Surfaces</i>
8	S. Mereghetti	<i>INTEGRAL discovery and XMM-Newton follow-up observations of a magnetar giant flare in the starburst galaxy M82</i>
9	R. Sathyaprakash	<i>Long-term study of the 2020 magnetar-like outburst of the young pulsar PSRJ1846-0258 in Kes 75</i>
10	N. Chamel	<i>Shallow heating in magnetars: role of electron captures</i>
11	N. Ul Sabah Rehan	<i>Can a Magnetar Glitch Affect the X-ray Burst Properties?</i>
12	P. Rau	<i>Electron MHD in magnetar crusts with Landau-quantized electrons</i>
13	S. Ascenzi	<i>Advancements in Three-Dimensional Thermal Evolution Modeling of Isolated Neutron Stars with MATINS Code</i>
14	V. Allard	<i>Evidence of gapless neutron superfluidity from the late time cooling of transiently accreting neutron stars</i>
15	F. Castillo	<i>Two-fluid simulations of ambipolar diffusion in neutron star cores</i>
16	N. Moraga	<i>Magnetothermal evolution in the cores of adolescent neutron stars: The Grad-Shafranov equilibrium is never reached in the 'strong-coupling' regime</i>
17	L. E. Rodríguez	<i>Contrasting neutron star heating mechanisms with Hubble Space Telescope observations</i>
18	R. Kyer	<i>A Multiwavelength Hunt for Transitional Millisecond Pulsar Candidates</i>
19	N. Niang	<i>X-ray pulsations from neutron star low-mass X-ray binaries</i>
20	P. Stammer	<i>The radius of a millisecond pulsar from its surface far-UV and soft X-rays emissions</i>
21	K.-Y. Au	<i>An Anti-Correlation Between the X-ray Luminosity and Optical Orbital Modulation of PSR J1023+0038</i>
22	A. Manca	<i>Identification and characterisation of the gamma-ray counterpart of the transitional pulsar candidate CXOU J1109</i>
23	R. Mignon-Risse	<i>GRMHD simulations of the X-ray switching modes in transitional millisecond pulsars</i>
24	B. Sen	<i>It's Getting Hotter: PSR J1622-0315 and Its Variable Assymetries</i>
25	M. Turchetta	<i>Quantifying the irradiation and expanding the population of spider pulsars</i>
26	K. Koljonen	<i>Spider luminosities and the invisible black widow</i>
27	B. Dorsman	<i>Pulse Profile Modeling of the Accreting Millisecond X-ray Pulsar SAX J1808.4-3658</i>
28	M. Gornostaev	<i>Correlation of the spectral hardness with the X-ray luminosity in bright X-ray pulsars</i>
29	J. Greiner	<i>A helium-burning white dwarf binary as a supersoft X-ray source</i>
30	V. Madurga-Favieres	<i>Pulse-to-pulse Variations in the Accreting X-ray Pulsar Vela X-1</i>
31	C. Malacaria	<i>Discovery of spin-phase-dependent QPOs in the supercritical accretion regime from the X-ray pulsar RX J0440.9+4431</i>

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33	L. Townsend	<i>10 years of SALT optical spectroscopic monitoring of Be X-ray binaries</i>
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35	D. Verma	<i>NICER observations of Nearby Persistent Supersoft X-Ray Sources</i>
36	T. Ko	<i>Fast winds blowing from a white dwarf left by the historical supernova 1181 and its X-ray emission</i>
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38	A. Di Marco	<i>Weakly magnetized accreting neutron stars as seen by IXPE</i>
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40	M. Ng	<i>Probing the Atoll/Z Continuum with Neutron Star Low Mass X-ray Binary 1A 1744-361</i>
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