

Session Program

31 August 2026 to 2 September 2026



Scientific workshop on the eXTP mission

Magnetism

Radisson Blu Marina Palace Hotel
Linnankatu 32, 20100 Turku

Tuesday 1 September

12:15

Magnetism

Session | **Location:** Radisson Blu Marina Palace Hotel, Linnankatu 32, 20100 Turku

12:15–12:30

Introducing the science case for the WG3 (Magnetism)

Speaker

Mingyu Ge

12:30–12:55

Radiative Processes and QED Effects in strong magnetic fields: Implications for X-ray Pulsars

Speaker

Alexander Mushtukov

12:55

14:00

Magnetism

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14:00–14:25

Highly magnetised isolated neutron star observations - the smoking gun of QED vacuum birefringence?

Speaker

Ruth Kelly

14:25–14:40

Can we see the shape of the magnetic field?

Speaker

Nabil Brice

14:40–14:55

Polarimetric views of X-ray Pulsars: From IXPE to eXTP

Speaker

Sofia Forsblom

14:55–15:15

Study the low accretion rate regime of accreting X-ray pulsars with eXTP

Speaker

Long Ji

15:15–15:30

Phase-Resolved Polarimetry of 1E 2259+586 in an Active State: IXPE Results and Prospects for eXTP

Speaker

Lorenzo Marra

15:30

16:00

Magnetism

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16:00–16:20

Signatures of thermal resonant Comptonization as geometry tracers in accreting neutron stars

Speaker

Ekaterina Sokolova-Lapa

16:20