

Session Program

31 August 2026 to 2 September 2026



Scientific workshop on the eXTP mission

Flash talks

Radisson Blu Marina Palace Hotel
Linnankatu 32, 20100 Turku

Monday 31 August

15:10

Flash talks: WG1

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

15:10–15:13

Pulse profile modelling of accreting millisecond pulsars before and during the eXTP era

Speaker

Bas Dorsman

15:13–15:16

Evidence for distinct evolutionary channels in neutron star LMXBs: prospects for eXTP

Speaker

Alessandro Patruno

15:16–15:19

Neutron star thermal evolution and inner structure

Speaker

Xia Zhou

15:25

Tuesday 1 September

11:55

Flash talks: WG2

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

11:55–11:58

A remarkable anti-correlation between optical/hard X-rays in Swift J1727.8-1613 revealed by Insight-HXMT

Speaker

Ruican Ma

11:58–12:01

Understanding the evolution of the coronal geometry through exploiting QPO characteristics

Speaker

Biki Ram

12:01–12:04

A Hidden Pulse: Uncovering a New Timing Signal in Cygnus X-1 with AstroSat

Speaker

Sandeep Rout

12:15

16:20

Flash talks: WG3

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

16:20–16:23

Application of Decentred Rotating Vector Model to Polarization Data of X-ray Pulsars

Speaker

Sofia Forsblom

16:23–16:26

Testing Pulsar Geometry Constraint Methods with Simulated Polarization Data

Speaker

Alexander Salganik

16:26–16:29

Propeller effect in action: Unveiling quenched accretion in the transient X-ray pulsar 4U 0115+63

Speaker

Hua Xiao

16:35

Wednesday 2 September

14:45

Flash talks: WG4 and WG5

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

14:45–14:48

Fast Radio Bursts from Young Magnetars: High-Energy Tests with eXTP

Speaker

Marcio G B de Avellar

14:48–14:51

TDE Observations with Einstein Probe and Prospects in the eXTP Era

Speaker

Chichuan Jin

14:51–14:54

Galactic X-ray Binaries in the Multi-Wavelength Sky

Speaker

Artur Avakyan

14:54–14:57

Probing jet physics with X-ray polarization: from IXPE to eXTP

Speaker

Athira M Bharathan

14:57–15:00

An angle-dependent synchrotron and SSC polarization model for blazars

Speaker

Motseothata Tisang

15:00–15:03

X-Ray Polarization Properties of High-Synchrotron-Peaked Blazars

Speaker

Jin Zhang

15:03–15:06

How would eXTP contribute to the study of burst-accretion interactions?

Speaker

Chuanyu Wei

15:06–15:09

Accretion Geometry Across Spectral States in Z and Atoll NS-LMXBs: Lessons from IXPE and Prospects for eXTP

Speaker

Lorenzo Marra

15:15