

Session Program

31 August 2026 to 2 September 2026



Scientific workshop on the eXTP mission

Ultra dense matter

Radisson Blu Marina Palace Hotel
Linnankatu 32, 20100 Turku

Monday 31 August

11:55

Ultra dense matter

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

11:55–12:10

Introducing the science case for the WG1 (Ultra dense matter)

Speaker

Sebastien Guillot

12:10–12:35

Neutron Star Interiors in the eXTP Era: From Macroscopic Observables to Microphysics

Speaker

Ang Li

12:35–13:00

Constraining the equation of state of ultra-dense matter in neutron stars

Speaker

Tuomo Salmi

13:00

14:10

Ultra dense matter

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

14:10–14:25

Pulse profile modelling of accreting millisecond pulsars: disk occultation and parameter inference

Speaker

Yinghan Mao

14:25–14:40

Equation-of-state-informed pulse profile modeling

Speaker

Mariska Hoogkamer

14:40–14:55

Polarised X-ray emission from accreting millisecond pulsars

Speaker

Alessandro Papitto

14:55–15:10

Accreting Millisecond X-ray Pulsars as Laboratories for eXTP-era Spectral and Timing Studies

Speaker

Andrea Sanna

15:10