

Session Program

15-19 Jun 2026



XVI ET Symposium 2026

OSB

Tuesday 16 June

08:30

OSB

Session | **Conveners:** Archisman Ghosh, Paolo Pani, Marica Branchesi

08:30–08:42 **Novel GR test with Greybody factors**

Speaker

Romeo Felice Rosato

08:42–08:54 **Quasinormal Ringing of Kerr Black Holes from an Equatorial Plunge**

Speaker

Laura Pezzella

08:54–09:06

Inferring line-of-sight acceleration in compact binaries: the role of higher harmonics and eccentricity

Speaker

Dr Soumen Roy

09:06–09:18

Multi-probe Cosmology with Standard Sirens: a GWxHI Cross-correlation Approach

Speaker

Matteo Schulz

09:18–09:30

Radio sirens: inferring the Hubble constant with binary black holes and neutral hydrogen in the era of the Einstein Telescope and the SKA Observatory

Speaker

Ulyana Dupletsa

09:30–09:42

A full, high-dimensional sampling scheme for gravitational-wave dark sirens: measuring galaxy weighting and ranking host candidates

Speaker

Alessandro Agapito

09:42–09:54

Spectral siren cosmology with 3G detectors: a blinded mock data challenge

Speaker

Matteo Tagliazucchi

09:54

10:24

OSB

Session | **Conveners:** Archisman Ghosh, Marica Branchesi, Paolo Pani

10:24–10:36

The Parameter Space of BNS Populations: Formation Channels and Merger Rates

Speaker

Mathieu Venet

10:36-10:48

Too Many Black Holes? Revisiting the Local Binary Black Hole Merger Rate

Speaker

Dr Lumen Boco

10:48-11:00

Are current stellar models overestimating binary black hole mergers?

Speaker

Cecilia Sgalletta

11:00-11:12

Modeling populations in the gravitational-wave mass distribution

Speaker

Stefano Tornamenti

11:12-11:24

Rotation and chemically homogeneous evolution in merging BBH formation

Speaker

Lucas de Sá

11:24-11:36

Prospects for identifying the population of PopIII remnants with the next generation of gravitational-wave observatories

Speaker

Krishnendu Naderi Varium

11:36-11:48

Detecting binary black hole mergers from Population III star clusters

Speaker

Benedetta Mestichelli

11:48-12:00

Observing Intermediate Mass Black Holes with Einstein Telescope: an impact on different designs and configurations

Speaker

Francesco Crescimbeni

12:00

14:00

OSB

Session | **Conveners:** Archisman Ghosh, Paolo Pani, Marica Branchesi

14:00-14:12

Assembling light IMBH binaries in star clusters: insights from GW231123

Speaker

Lavinia Paiella

14:12-14:24

More Than a Sidekick: Secondary Black Holes in Hierarchical Mergers

Speaker

Cristiano Ugolini

14:24-14:36

Cosmic Evolution of Binary Black Hole Mergers from AGN Disks

Speaker

Mrs M.Paola Vaccaro

14:36-14:48

Probing binary black hole merger populations in AGN disks through future IceCube-Gen2 and Einstein Telescope observations**Speaker**

Tista Mukherjee

14:48-15:00

ET-WST synergy for gravitational wave multi-messenger observations**Speaker**

Sofia Bisero

15:00-15:12

Tracing the origins of a rare cosmic explosion: the kilonova candidate GRB 230307A**Speaker**

Davi Rodrigues

15:12-15:24

Searching for GW emission associated with magnetar flares in the Einstein Telescope Era**Speaker**

Dr Matthias Vereecken

15:24-15:36

Beyond the tidal deformability: Gravitational-wave asteroseismology with the Einstein Telescope**Speaker**

Dr Fabian Gittins

15:36-15:48

Synergy between ET and LISA**Speaker**

Gabriele Perna

15:48-16:00

Gravitational-wave parameter estimation to the Moon and back: synergies between ET and deci-Hz detectors**Speaker**

Dr Francesco Iacovelli

16:00

Wednesday 17 June

08:30

OSB

Session | **Conveners:** Archisman Ghosh, Marica Branchesi, Paolo Pani

08:30–08:42

An inspiral-informed model for the post-merger gravitational-wave signal in binary neutron star coalescences

Speaker

Anna Puecher

08:42–08:54

Limitations of nuclear parameter inference in the context of Einstein Telescope

Speaker

Lami Suleiman

08:54–09:06

Quasi-universal relations for binary neutron star observations with the Einstein Telescope

Speaker

Natalie Williams

09:06–09:18

Rotating neutron stars in scalar-tensor theories with massive scalar field

Speaker

Dr Dániel Barta

09:18–09:30

The showcasing of 4.5 PN code: CBWaves

Speaker

Balázs Kacs Kovics

09:30–09:42

pyEFPE: A fast post-Newtonian waveform model for precessing, eccentric inspirals

Speaker

Patricia Schmidt

09:42–09:54

Addressing Waveform Systematics and Data Analysis Artifacts in the Era of Third-Generation Gravitational Wave Detectors

Speaker

Sumit Kumar

09:54

10:30

OSB

Session | **Conveners:** Marica Branchesi, Archisman Ghosh, Paolo Pani

10:30–10:42

Gravitational-Wave Inference Beyond the Fisher Approximation with DALI

Speaker
Josiel Mendonça Soares de Souza

10:42-10:54

Matched filtering with noise correlations in the search for stochastic backgrounds

Speaker
Enis Belgacem

10:54-11:06

Non-Gaussian and correlated Newtonian-noise transients in burst searches

Speaker
Milan Wils

11:06-11:18

Background contamination of matched-filter searches in third-generation gravitational-wave detectors

Speaker
Chun-Fung Wong

11:18-11:30

Benchmarking likelihood-based JAX samplers with GWTC-4.0

Speaker
Thomas Ng

11:30-11:42

Impact of the CBC background on continuous wave searches with the Einstein Telescope

Speaker
Elena Codazzo

11:42-11:54

Prospects for Continuous Gravitational Wave Detection with the Einstein Telescope

Speaker
Hanna Strozyk

11:54

16:00

OSB

Session | **Conveners:** Archisman Ghosh, Paolo Pani, Marica Branchesi

16:00-16:12

The Null Stream of the Einstein Telescope: A Unique Tool for Precision Gravitational-Wave science

Speaker
Tjonnje Li

16:12-16:24

Implications of a Null Stream for Parameterised Tests of General Relativity in the Presence of Transient Detector Noise

Speaker
Robin Chan

16:24-16:36

Continuous-time Markov chain models for detector network duty cycles

Speaker

Tim Kuhlbusch

16:36-16:48

Testing the impact of the Einstein Telescope duty cycle on parameter estimation for different instrumental designs**Speaker**

Luca Negri

16:48-17:00

gwmock — a Python package for simulating gravitational wave detector data**Speaker**

Francesco Cireddu

17:00-17:45

eIB+OSB discussion**Speakers**

Anuradha Samajdar, Archisman Ghosh, Filippo Santoliquido, Justin Janquart, Michela Mapelli, Paolo Pani, Paul Laycock, Stefano Bagnasco, Tito Dal Canton

18:00-18:45

OSB planning with division coordinators**Speakers**

Archisman Ghosh, Michela Mapelli, Paolo Pani

19:00