

XIV ET Symposium | Maastricht

Monday, May 6, 2024

OSB: Pre-Session - Room 2.1 (10:00 AM - 12:00 PM)

OSB: DIV1 - Room 2.1 (1:15 PM - 2:00 PM)

time	[id] title	presenter
1:15 PM	[162] Div 1 chairs	VAN DEN BROECK, Chris
1:30 PM	[163] Science overview: Fundamental Physics with ET	PACILLO, Costantino

OSB: DIV2 - Room 2.1 (2:00 PM - 3:00 PM)

time	[id] title	presenter
2:00 PM	[164] Div 2 chairs	RICCIARDONE, Angelo Dr GHOSH, Archisman SAKELLARIADOU, Mairi
2:30 PM	[93] Gravitational Waves from Domain Wall Dynamics	
2:45 PM	[62] The astrophysical gravitational-wave background as a probe for both astrophysics and cosmology	CAPURRI, Giulia

OSB: DIV2 - Room 2.1 (3:30 PM - 4:30 PM)

time	[id] title	presenter
3:30 PM	[29] Model-independent cosmology with joint observations of gravitational waves and γ -ray bursts	
3:45 PM	[80] Unbiased standard siren cosmology with joint GW and GRB observations	
4:00 PM	[23] On the impact of lensing on standard sirens measurements	
4:15 PM	[100] Measuring the value of H_0 using dark sirens and Sunyaev–Zeldovich galaxy cluster catalogues	

OSB: DIV7 - Room 2.1 (4:30 PM - 6:15 PM)

time	[id] title	presenter
4:30 PM	[165] Div 7 chairs	PALOMBA, Cristiano HENG, Ik Siong LIMONGI, Marco
5:00 PM	[2] Localizing binary neutron star inspirals and constraining primordial black hole abundance using continuous wave methods in ET	

5:15 PM	[18] Bridging Relativistic Jets from Black Hole Scales to Long-Term Electromagnetic Radiation Distances: a Moving-Mesh General Relativistic Hydrodynamics Code with HLLC Riemann Solver	
5:30 PM	[166] How to make a neutron-star mountain out of a molehill	GITTINS, Fabian
5:45 PM	[167] The initial mass – remnant mass relation for core-collapse supernovae	UGOLINI, Cristiano
6:00 PM	[168] Theoretical prediction and observed rates for CCSNe	GIUDICE, Ines

Tuesday, May 7, 2024

OSB: DIV3 - Room 2.1 (9:00 AM - 10:30 AM)

time	[id] title	presenter
9:00 AM	[169] Div 3 chairs	RIOTTO, Antonio CUSIN, Giulia MAPELLI, Michela
9:30 AM	[21] Classifying binary black holes from Population III stars with the Einstein Telescope	
9:45 AM	[22] Primordial Black Holes or else? Tidal tests on subsolar gravitational-wave observations	
10:00 AM	[57] Unveiling the formation of intermediate-mass black holes in dense star clusters with ET	
10:15 AM	[66] Stellar black hole mergers as probes of cosmic chemical evolution	

OSB: DIV3 - Room 2.1 (11:15 AM - 11:45 AM)

time	[id] title	presenter
11:15 AM	[78] Measuring cosmic star formation with next Generation GW detectors	
11:30 AM	[177] Probing primordial black holes with ET	VASKONEN, Ville

OSB: DIV5 - Room 2.1 (11:45 AM - 12:30 PM)

time	[id] title	presenter
11:45 AM	[170] Div 5 chairs	COLPI, Monica NISSANKE, samaya
11:55 AM	[195] EPTA and PTA synergies with ET	PARTHASARATHY, Aditya PERRODINE, Delphine
12:15 PM	[16] Directional response of the Astrometric Gravitational Wave Antenna in the context of multimessenger synergies	

OSB: DIV6 - Room 2.1 (2:00 PM - 3:00 PM)

time	[id] title	presenter
2:00 PM	[171] Div 6 chairs	HINDERER, Tanja
2:30 PM	[25] Problematic systematics in neutron-star merger simulations	GITTINS, Fabian
2:45 PM	[172] Revealing the strength of three-nucleon interactions with the Einstein Telescope	PANG, Peter Dr PANG, Peter T. H.

OSB: DIV8 - Room 2.1 (3:00 PM - 4:00 PM)

time	[id] title	presenter
3:00 PM	[173] Div 8 chairs	PFEIFFER, Harald

3:30 PM	[3] Gravitational wave signatures of intermediate-mass black holes	
3:45 PM	[75] Systematic Biases in Estimating the Properties of Black Holes Due to Inaccurate Gravitational-Wave Models	

Wednesday, May 8, 2024

OSB: DIV4 - Room 2.1 (9:00 AM - 10:30 AM)

time	[id] title	presenter
9:00 AM	[175] Div 4 chairs	LEVAN, Andrew GHIRLANDA, Giancarlo VERGANI, Susanna
9:30 AM	[74] Multi-messenger observations in the Einstein Telescope era: binary neutron star and black hole - neutron star mergers	
9:45 AM	[10] Perspectives for kilonovae multi-messenger detections	
10:00 AM	[95] ET-WST synergy for next generation gravitational wave multi-messenger observations	BISERO, Sofia
10:15 AM	[97] The great synergy of ET with next-generation GRB observatories	Dr AMATI, Lorenzo

OSB: DIV10 - Room 2.1 (11:15 AM - 1:00 PM)

time	[id] title	presenter
11:15 AM	[176] Div 10 chairs	SAMAJDAR, Anuradha CUOCO, Elena Prof. GUIDI, Gianluca Maria REGIMBAU, Tania
11:45 AM	[42] Binary Black Hole Parameter Estimation using a Conditioned Normalizing Flow	BACHLECHNER, Markus
12:00 PM	[51] Impact of Correlated Noise on Third-Generation Gravitational-Wave Detectors: Biases in Parameter Estimation and Design Performance	
12:15 PM	[59] Normalizing flows as an avenue to study overlapping gravitational wave signals	
12:30 PM	[81] Robust parameter estimation on gravitational wave signals from binary neutron star inspirals within minutes	

OSB: DIV10 - Room 2.1 (2:00 PM - 2:30 PM)

time	[id] title	presenter
2:00 PM	[83] Parameter estimation of the overlapping signals: descending in frequency and ascending in speed	
2:15 PM	[92] Deep learning to detect compact binary coalescences. A test with Einstein Telescope MDC.	PAPALINI, Lucia

OSB: DIV9 - Room 2.1 (2:30 PM - 3:30 PM)

time	[id] title	presenter
2:30 PM	[174] Div 9 chairs	MASELLI, Andrea BEJGER, Michal MANCARELLA, Michele
3:00 PM	[13] Enhancing Fisher Matrix Results with Physically Motivated Priors	

3:15 PM

[88] Extending the Fisher matrix formalism towards the edges

Mr IACOVELLI, Francesco

OSB: Blue book - Room 2.1 (4:15 PM - 5:00 PM)**-Conveners: Marica Branchesi; Michele Maggiore; Archisman Ghosh**