



# LISA Astrophysics Working Group Meeting 2024

## Wednesday 6 November 2024

### Pre-LISA EM: Galactic Binaries and Multiples - 401 (Old lecture hall) (14:00 - 16:00)

-Conveners: Alekzander Kosakowski; Jan van Roestel

time	[id] title	presenter
14:00	[152] Current sample of verification binaries (online)	KUPFER, Thomas
14:05	[153] Update from the double-lined double white dwarf survey (online)	MUNDAY, James
14:15	[154] Updates on the BlackGEM project	VAN ROESTEL, Jan
14:25	[113] The Vera Rubin Observatory: how optical time domain surveys are revolutionizing LISA multi-messenger astrophysics (online)	BURDGE, Kevin
14:35	[156] Update from ESO	MAINIERI, Vincenzo
14:45	[114] LISA verification binaries from the LISA data analysis perspective (online)	LITTENBERG, Tyson
14:55	[155] General discussion	PARTICIPANTS, All

### Pre-LISA EM: Massive Black Hole Binaries - E.0.11 (14:00 - 16:00)

-Conveners: Alessandra de Rosa & Delphine Porquet

time	[id] title	presenter
14:00	[118] Observational search for the parent population of the merging BHs and GWs	TOZZI, Giulia
14:13	[123] Cosmic Duets: Decoding Gravitational Waves with Dual AGN	SCIALPI, Martina
14:26	[117] The properties of progenitors of the merging SMBH	MANNUCCI, Filippo
14:39	[120] Strategies to identify LISA MBH binary precursors in large EM catalogues	DOTTI, Massimo
14:52	[115] Electromagnetic signatures from accreting massive black hole binaries in time domain photometric surveys (Online)	COCCHIARARO, Fabiola
15:05	[116] Discovery of a Tight Binary Black Hole System Revealed via Quasi-Periodic Outflows	TOMBESI, Francesco
15:18	[119] The last electromagnetic breath of binary black holes (Online)	MIGNON-RISSE, Raphaël
15:31	[121] Supermassive black hole binaries as multimessenger sources: Properties of SMBHB X-ray spectra (Online)	MALEWICZ, Julie
15:44	[122] A New Diagnostic to distinguish between binary and single supermassive black holes using broad emission lines (Online)	JI, Ziming