

Third Gravi-Gamma Workshop: The multimessenger view of the black hole life cycle

Wednesday, 5 October 2022

Stellar and Intermediate black holes (10:00 - 11:30)

-Conveners: Melissa Pesce-Rollins

time	[id] title	presenter
10:00	[11] Past, present and future of gravitational-wave astronomy	RINALDI, Stefano
10:30	[26] Probing modified gravity theories and cosmology using gravitational-waves and associated electromagnetic counterparts	MASTROGIOVANNI, Simone
11:00	[12] Constraining the black hole population with Gravitational Waves	PATRICELLI, Barbara

Stellar and Intermediate black holes (12:00 - 13:00)

-Conveners: Melissa Pesce-Rollins

time	[id] title	presenter
12:00	[32] Future GW astronomy in Europe: Einstein Telescope.	Dr PUNTURO, Michele
12:30	[5] Perspectives for multi-messenger astronomy with the next generation of gravitational-wave detectors and high-energy satellites.	Dr RONCHINI, Samuele

Stellar and Intermediate black holes (15:00 - 16:30)

-Conveners: Massimiliano Razzano

time	[id] title	presenter
15:00	[9] Coalescence of black hole-neutron star binaries	KYUTOKU, Koutarou
15:30	[31] Continuous GWs from known and unknown sources: O3 observations and beyond	MICHAL, Bejger
16:00	[21] What can we learn about stellar- and intermediate-mass black holes from multi-messenger observations?	DVORKIN, Irina

Thursday, 6 October 2022

Stellar and Intermediate black holes (09:00 - 10:30)

-Conveners: Stefano Germani

time	[id] title	presenter
09:00	[3] Searching for Gravitational-Wave / Gamma-Ray-Burst associations in LIGO/Virgo and Fermi-GBM data	PILLAS, Marion
09:30	[24] Hunting the gamma-ray emission from Fast Radio Burst with Fermi-LAT	PRINCIPE, Giacomo
10:00	[39] Comprehension of jet physics from the analysis of Swift Gamma-Ray Bursts	BERRETTA, Alessandra

Stellar and Intermediate black holes (11:00 - 13:00)

-Conveners: Stefano Germani

time	[id] title	presenter
11:00	[22] A machine learning approach to discover core collapse supernovae	DI PALMA, Irene
11:30	[43] Neutrino astronomy in the era of the Global Neutrino Network	MARINELLI, Antonio
12:00	[37] Gravitational-wave sky localizations: online calculator and interactive viewer of credible areas	GRECO, Giuseppe
12:20	[38] Estimation of detection probabilities of Gamma-Ray Burst and Gravitational Waves multimessenger events produced by disruptive binary mergers	TOBIA, Matcovich
12:40	[44] Evaluation of catalogues' completeness by extending the Virtual Observatory framework to estimate the H0 Hubble constant with dark standard sirens	BROZZETTI, Maria Lisa

Stellar and Intermediate black holes (15:00 - 16:30)

-Conveners: Giuseppe Greco

time	[id] title	presenter
15:00	[4] Unusual GRB afterglow features	OGANESYAN, Gor
15:30	[10] A fast radio burst from a Galactic magnetar	SCHOLZ, Paul
16:00	[36] High-energy emission from a magnetar giant flare in the Sculptor galaxy	DI LALLA, Niccolò