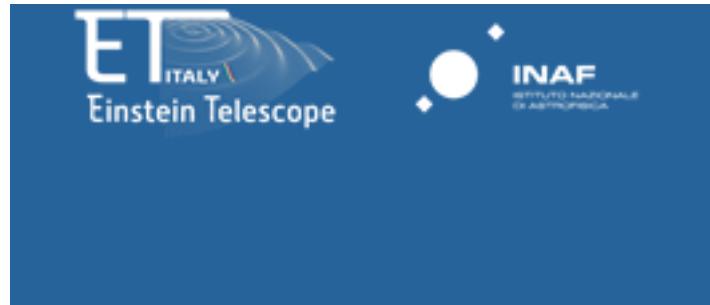


Einstein Telescope @ Istituto Nazionale di Astrofisica”



Tuesday, 12 December 2023 - Wednesday, 13 December 2023

INAF Osservatorio di Roma Monte Mario

Scientific Programme

Data/ora

12 Dicembre

- 14:00 **M.Tavani** Presentazione workshop
14:10 Interventi Istituzionali
Cons. Alessandra Tognonato - MAECI
14:30 **F. M. Zerbi** INAF nei grandi progetti internazionali
14:40 **M. Branchesi** ET nell'era multi-messenger
14:55 **F. Patat** ESO Facilities for multi-messenger
15:10 **G. Ghirlanda** ET related activities in INAF (+ OSB DIV4)
15:25 **S. Piranomonte** INAF activities in the OSB ET DIV7
15:40 **S. Esposito** INAF nel PNRR ETIC
15:55 **A. Grado** INAF for the ET infrastructure
16:10 **M.T. Crosta** GW sources: strength, direction, and astrophysical characterisation via differential relativistic astrometry
16:25 **Coffee break**
16:45 **A. Fontana** Optical infrastructures for multi-messenger
17:00 **F. Govoni** Radio infrastructures for multi-messenger. The contribution of SRT
17:15 **L. Amati** The great synergy of THESEUS with the Einstein Telescope
17:30 **A. Stameria** The electromagnetic followup of GW events at TeV energies with the CTA-Observatory
17:45 **E. Pian** ET - PNRR CTA+ multi-messenger
18:00 **P. D'Avanzo** Towards the Einstein Telescope: the GRAWITA experience
18:15 **S. Casu** INAF for ET – Public engagement
20:30 **Dinner**

13 Dicembre

- 9:00 **R. Ragazzoni** ET vs MezzoCielo: un monitoraggio continuo delle possibili controparti ottiche
9:20 **S. Campana** HUGO & SOXS-N: two new ideas for the follow-up of ET-triggers
9:35 **P. Schipani** WST: the Wide-field Spectroscopic Telescope
9:50 **G. Antinozzi** Forecast cosmological constraints from the distribution of Gravitational Waves events
10:05 **M. Arca Sedda** Unveiling the formation of intermediate-mass black holes in dense star clusters with ET
10:15 **M. Cantiello** Precision Distance Measurements for GW Source Counterparts in the ET era
10:25 **A. Colombo** Electromagnetic counterparts of BNS and BHNS mergers in the ET era
10:35 **Coffee break**
11:00 **G. Gianfagna** Potential biases and prospects for the Hubble constant estimation via electromagnetic and gravitational-wave joint analyses
11:10 **C. Ugolini** STARLIGHT: Shedding Light on the Formation and Fate of Stellar Remnants in view of Einstein Telescope
11:20 **F. Mannucci** The progenitors of the BH seeds merging at high redshift
11:30 **D. Perrodin** Pulsar Timing Arrays and E
11:40 **A. Frigeri** Geological Mapping and Geophysical Modeling for Gravitational Wave Detection
11:50 **F. Finelli** Synergy between CMB B-mode polarisation and the direct search of gravitational-wave backgrounds
12:00 **M. Punturo** ET roadmap