

Multimessenger astronomy in the Einstein Telescope Era

Report of Contributions

Contribution ID: 1

Type: **not specified**

MezzoCielo: a novel ultra-wide field telescope for all-sky transient phenomena

Wednesday 11 February 2026 09:25 (10 minutes)

Presenter: MAGRIN, Demetrio (INAF - OAPd)

Session Classification: EM facilities in the future

Contribution ID: 2

Type: **not specified**

The revolution of the Square Kilometre Array on Gamma-Ray Burst studies

Tuesday 10 February 2026 17:50 (15 minutes)

Presenter: GIARRATANA, Stefano (INAF - OAB)

Session Classification: EM facilities in the future

Contribution ID: 3

Type: **not specified**

Quick Ultra VIOLET Kilonova surveyor (QUVIK): a UV mission to study transient and GW counterparts

Tuesday 10 February 2026 17:10 (10 minutes)

Presenter: GHIRLANDA, Giancarlo (INAF - OAB)

Session Classification: EM facilities in the future

Contribution ID: 4

Type: **not specified**

Fast and Slow(er) Radio Transients: the road from radio only to the full picture

Tuesday 10 February 2026 18:05 (15 minutes)

Presenter: PILIA, Maura (INAF - OACa)

Session Classification: EM facilities in the future

Contribution ID: 5

Type: **not specified**

The ELT Perspective on Multi-Messenger Astronomy

Wednesday 11 February 2026 09:10 (15 minutes)

Presenter: ANNIBALI, Francesca (INAF - OAS)

Session Classification: EM facilities in the future

Contribution ID: 6

Type: **not specified**

Multi-messenger astrophysics and cosmology with THESEUS in synergy with GRAWITA

Tuesday 10 February 2026 17:20 (15 minutes)

Presenter: AMATI, Lorenzo (INAF - OAS)

Session Classification: EM facilities in the future

Contribution ID: 7

Type: **not specified**

The Wide-field Spectroscopic Telescope (WST)

Wednesday 11 February 2026 09:35 (15 minutes)

Presenter: RANDICH, Sofia (INAF - OAA)

Session Classification: EM facilities in the future

Contribution ID: **8**

Type: **not specified**

GW and multimessenger astronomy in the era of second generation GW detectors: recent results and future prospects

Tuesday 10 February 2026 14:45 (20 minutes)

Presenter: PATRICELLI, Barbara (Università di Pisa)

Session Classification: The present and future of GW facilities at all frequencies

Contribution ID: 9

Type: **not specified**

The Lunar Gravitational Wave Antenna (LGWA): science goals, EM counterparts, and collaboration opportunities

Tuesday 10 February 2026 15:25 (15 minutes)

Presenter: SEVERGNINI, Paola (INAF - OAB)

Session Classification: The present and future of GW facilities at all frequencies

Contribution ID: **10**

Type: **not specified**

Radio counterparts of high-energy neutrino sources

Wednesday 11 February 2026 11:35 (15 minutes)

Presenter: TRIGILIO, Corrado (INAF - OACt)

Session Classification: Chasing HE neutrinos and their EM counterparts

Contribution ID: **11**

Type: **not specified**

Stato e prospettive per ARCA-KM3NeT

Wednesday 11 February 2026 10:40 (10 minutes)

Presenter: MIGLIOZZI, Pasquale (INFN - NA)

Session Classification: Chasing HE neutrinos and their EM counterparts

Contribution ID: **12**

Type: **not specified**

Characterize the neutrino diffuse observations through a multi-messenger study

Wednesday 11 February 2026 10:50 (15 minutes)

Presenter: MARINELLI, Antonio (INFN - NA)

Session Classification: Chasing HE neutrinos and their EM counterparts

Contribution ID: 13

Type: **not specified**

Astrophysical neutrino sources

Wednesday 11 February 2026 11:05 (15 minutes)

Presenter: ILLUMINATI, Giulia (INFN - BO)

Session Classification: Chasing HE neutrinos and their EM counterparts

High-energy neutrinos from interacting SNe with new-generation detectors

Wednesday 11 February 2026 11:20 (15 minutes)

Presenters: SALMASO, Irene (INAF - Cn); COSENTINO, Stefano

Session Classification: Chasing HE neutrinos and their EM counterparts

Contribution ID: 15

Type: **not specified**

KM3Net e IceCube: 2 eyes to scan neutrino-emitting AGNs

Wednesday 11 February 2026 11:50 (15 minutes)

Presenter: D'AMMANDO, Filippo (INAF - IRA)

Session Classification: Chasing HE neutrinos and their EM counterparts

Contribution ID: **16**

Type: **not specified**

Discussion

Wednesday 11 February 2026 09:50 (20 minutes)

Presenter: D'AVANZO, Paolo (INAF - OAB)

Session Classification: EM facilities in the future

Contribution ID: 17

Type: **not specified**

Discussion

Wednesday 11 February 2026 12:05 (20 minutes)

Presenter: DELLA VALLE, Massimo (INAF - Cn)

Session Classification: Chasing HE neutrinos and their EM counterparts

Contribution ID: **18**

Type: **not specified**

Discussion

Tuesday 10 February 2026 18:20 (20 minutes)

Presenter: CIOLFI, Riccardo (INAF - OAPd)

Session Classification: EM facilities in the future

Contribution ID: **19**

Type: **not specified**

Transients at the highest energies and multi-messenger observations with CTAO.

Tuesday 10 February 2026 17:35 (15 minutes)

Presenter: STAMERRA, Antonio (INAF - OAR)

Session Classification: EM facilities in the future

Contribution ID: **20**

Type: **not specified**

Multi-messenger opportunities with LISA

Tuesday 10 February 2026 14:20 (25 minutes)

Presenter: DE ROSA, Alessandra (INAF-IAPS)

Session Classification: The present and future of GW facilities at all frequencies

Contribution ID: 21

Type: **not specified**

The Einstein Telescope

Tuesday 10 February 2026 15:05 (20 minutes)

Presenter: BRANCHESI, Marica (GSSI)

Session Classification: The present and future of GW facilities at all frequencies

Contribution ID: 22

Type: **not specified**

Pulsar Timing Arrays – basics and recent results

Tuesday 10 February 2026 15:40 (15 minutes)

Presenter: TIBURZI, Caterina (INAF - OAB)

Session Classification: The present and future of GW facilities at all frequencies

Contribution ID: 23

Type: **not specified**

GRAWITA

Tuesday 10 February 2026 14:00 (20 minutes)

Presenter: BROCATO, Enzo (INAF - OAR)

Contribution ID: 24

Type: **not specified**

ASTRI mini-Array

Wednesday 11 February 2026 09:00 (10 minutes)

Presenter: BULGARELLI, Andrea (INAF - OAS)

Session Classification: EM facilities in the future

Contribution ID: 25

Type: **not specified**

Discussion

Tuesday 10 February 2026 15:55 (10 minutes)

Presenter: GHIRLANDA, Giancarlo (INAF - OAB)

Session Classification: The present and future of GW facilities at all frequencies

Contribution ID: **26**

Type: **not specified**

Boosting Inference for Gravitational-Wave Astrophysics

Wednesday 11 February 2026 14:50 (20 minutes)

Presenter: CAPURRI, Giulia

Session Classification: Collaboration meeting

Contribution ID: 27

Type: **not specified**

The GAL Hassin Wide-field Mufara Telescope (WMT): a key facility in the multi-messenger astronomy era

Wednesday 11 February 2026 14:30 (20 minutes)

Presenters: NASTASI, Alessandro; MASIERO, Sabrina

Session Classification: Collaboration meeting

Contribution ID: **28**

Type: **not specified**

Presentation of the WGs - WG leaders

Wednesday 11 February 2026 16:30 (1h 30m)

Session Classification: Collaboration meeting

The future of GRAWITA: science topics

Thursday 12 February 2026 09:00 (1h 30m)

Session Classification: Collaboration meeting

Contribution ID: **30**

Type: **not specified**

The future of GRAWITA: organization

Thursday 12 February 2026 11:00 (1h 30m)

Session Classification: Collaboration meeting

Contribution ID: 31

Type: **not specified**

Time Domain and Multi-messenger Astronomy @ INAF with Rubin Telescope

Tuesday 10 February 2026 16:40 (10 minutes)

Presenter: PIRANOMONTE, Silvia (INAF - OAR)

Session Classification: Serches and classification of EM counterparts

Contribution ID: 32

Type: **not specified**

ENGRAVE: Electromagnetic counterparts of gravitational wave sources at the Very Large Telescope and beyond

Tuesday 10 February 2026 16:30 (10 minutes)

Presenter: SALAFIA, Om Sharan (INAF - OAB)

Session Classification: Serches and classification of EM counterparts

Contribution ID: 35

Type: **not specified**

Transient search with Euclid and the EMMETT project

Tuesday 10 February 2026 16:50 (10 minutes)

Co-author: IZZO, Luca (INAF - Cn)

Presenter: PETRECCA, Vincenzo (INAF - Cn)

Session Classification: Serches and classification of EM counterparts

Contribution ID: 36

Type: **not specified**

Overview of the Astrophysics Centre for Multi-messenger studies in Europe

Wednesday 11 February 2026 15:10 (15 minutes)

Presenter: MELANDRI, Andrea (INAF - OAR)

Session Classification: Collaboration meeting