

TALKS

Michele Mancarella
September 29, 2026

45 talks 23 invited

Invited talks are marked with *.

Seminars & national meetings

- “*Posterior-landscape: a feature-finder for spectral-siren cosmology*”, French GdR Gravitational-Wave Cosmology National meeting, Lyon, France 2026
- “*Dark Sirens as Probes of Compact-Binary Host Galaxies*”, French GdR Gravitational Waves National meeting, Lyon, France 2026
- “*Gravitational-wave cosmology*”, Marseille Cosmology Meeting, Marseille, France 2026
- “*Which events matter? Diagnosing population inference via full posterior sampling*”, CITA, Toronto 2026
- * “*Gravitational-wave cosmology with GWTC-4.0*”, IAP colloquium, Paris, France 2025
- * “*Towards unbiased H_0 measurements with gravitational-wave standard sirens*”, French GdR Cosmology National meeting, Paris, France 2025
- * “*Sirens Meet Galaxies: Two-Point Statistics of Gravitational Wave Events as a Cosmological Probe*”, IFAE Barcelona, Spain 2025
- “*Unbiased standard siren cosmology with joint GW and GRB observations*”, LAUTARO Meeting, Univ. of Milan-Bicocca, Italy 2024
- * “*Listening to the Universe with Gravitational Waves*”, CPT Lab Day, Marseille, France 2024
- “*Debiasing H_0 measurements from GW and gamma-ray burst observations*”, French GdR GW National meeting, Marseille, France 2024
- * “*Testing gravity at cosmological scales with current and next generation observations*”, CPT Marseille, France 2023
- “*Cosmology and binary black holes population studies with gravitational waves and galaxy catalogs*”, TEON-GRAB national meeting, Naples, Italy 2023
- * “*Seeking modified gravity in large-scale structure surveys data with neural networks*”, JPL Dark Sector Meeting/Online 2022
- * “*Gravitational-wave cosmology with dark sirens: state of the art and perspectives for 3G detectors*”, AEI Potsdam LISA meeting 2022
- * “*Seeking modified gravity in large-scale structure surveys data with neural networks*”, Szczecin Cosmology Group/Online 2022
- * “*Gravitational-wave cosmology with dark sirens*”, Queen Mary University of London 2022
- * “*Gravitational-wave cosmology with dark sirens*”, Imperial College London 2022
- * “*Cosmology with dark sirens from GWTC-2*”, IAP Paris/Online 2021
- * “*The effective theory of dark energy*”, Modified Gravity workshop, Tours, France 2017
- “*Effective theory of dark energy at redshift survey scales*”, Swiss Cosmology days 2016, EPFL Lausanne, Switzerland 2016
- * “*Cosmological aspects of non-local gravity*”, CERN Cosmo Coffee, Switzerland 2016
- * “*Effective theory of dark energy at redshift survey scales*”, Université de Genève, Switzerland 2016

International conferences

- * *“Cosmology with gravitational-wave sirens”*, Athexis Symposium, Athens, Greece 2026
- *“Full posterior sampling in GW population studies”*, AMALDI GR, Glasgow, Scotland 2025
- *“GWFAST and the detection of high-redshift sources at third-generation gravitational-wave detectors”*, PONT Avignon 2023, Avignon, France 2023
- *“Gravitational-wave cosmology with dark sirens: state of the art and perspectives for 3G detectors”*, ICHEP 2022, Bologna, Italy 2022
- *“Gravitational-wave cosmology with dark sirens: state of the art and perspectives for 3G detectors”*, 3rd EPS conference on Gravitation, Nice, France 2022
- *“Cosmology and modified gravity with dark sirens from GWTC-3”*, Rencontres de Moriond 2022 2022
- *“Constraining the Hubble constant and modified GW propagation with LIGO-Virgo dark sirens and galaxy catalogs”*, Online conference GWMESS 2021
- *“Effective Theory of Dark Energy with Kinetic Matter Mixing”*, PONT Avignon 2017, Avignon, France 2017

Collaboration & internal meetings

- * *“Cosmology with gravitational waves: overview”*, French GdR Cosmology National meeting, online 2026
- * *“Populations and cosmology in the 3G era: an introduction”*, ET France National meeting, Orsay, France 2026
- *“Populations and cosmology in the 3G era: a data analysis perspective and challenges ahead”*, ET Div 10 meeting, online 2026
- *“Populations and cosmology in the 3G era: a data analysis perspective and challenges ahead”*, ET Div 3 meeting, online 2026
- * *“Standard Sirens: status, recent developments, perspectives”*, LISA Cosmology working group meeting, Tallinn, Estonia 2025
- *“Unbiased standard siren cosmology with joint GW and GRB observations”*, ET Symposium, Bologna, Italy 2024
- * *“Detector configurations: a scientific perspective”*, ET France national meeting, Caen, France 2024
- *“De-biasing H_0 inference from GWs+GRB”*, Milan-Bicocca AstroCoffee, Milan, Italy 2024
- * *“Adding gamma-ray polarimetry to the multimessenger era: detection prospects for 3G gravitational-wave detectors”*, Einstein Telescope Multimessenger Group meeting (online) 2023
- * *“Gravitational-wave cosmology with dark sirens: state of the art and perspectives for 3G detectors”*, Einstein Telescope Cosmology Group meeting (online) 2022
- *“Gravitational-wave cosmology after GWTC-3”*, CERN-UniGe GW meeting 2022
- *“Cosmology and modified gravity with dark sirens from GWTC-3”*, LISA Early Career Scientist (LECS) cross-disciplinary talk, Online 2022
- * *“Cosmology with LIGO/Virgo dark sirens: Hubble parameter and modified gravitational wave propagation”*, Johns Hopkins University / Online 2021
- * *“Constraining modified GW propagation with LIGO-Virgo dark sirens”*, Meeting Groupe de Recherche Ondes Gravitationnelles - Cosmologie/Online 2021

Posters

- *“Constraining the Hubble constant and modified GW propagation with LIGO-Virgo dark sirens”*, Rencontres de Moriond 2021 (fully online, poster session only) 2021