

# 13th LISA COSMOLOGY WORKING GROUP WORKSHOP

## Barcelona 1-5 June

### Topics:

- Gravitational wave backgrounds from the early universe
- Detection challenges for stochastic backgrounds searches
- Characterization of isotropic and anisotropic GWB components
- Standard sirens and cosmological tests of the late universe
- Cosmological probes of general relativity
- Primordial black holes and dark matter
- Gravitational-wave lensing
- Synergies with the Einstein Telescope, LVK, and ultra high frequencies

<https://indico.icc.ub.edu/event/677/>

### Invited speakers:

Diego Blas, Giulia Cusin, Daniel Figueroa, Juan Garcia-Bellido, Srashti Goyal, Otto Hannuksela, Henri Inchauspe, Antonio J. Iovino, Macarena Lagos, Konstantin Leyde, Eric Madge, Sylvain Marsat, Alberto Mangiagli, Germano Nardini, Mauro Pieroni, Alberto Roper Pol, Carlos Sopuerta, Juan Urrutia, Luka Vujeva, Jeremy Wachter

### Organizing Committee:

(SOC) Jacopo Fumagalli, Alice Garoffolo, Danny Laghi, Marek Lewicki, Licia Verde, Miguel Zumalacárregui  
(LOC) Anna Argudo, Esther Pallarés, Ruxandra Bondarescu, Helena Ubach Raya, Anna Moreso-Serra, Alberto Revilla-Pena, Roque Márquez-Rodríguez



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