

Is it really well motivated to expect a stochastic background of gravitational waves within the direct detection experimental sensitivities (amplitude and frequency range)?

If there is a potentially observable primordial background of gravitational waves, how are we going to remove the astrophysical stochastic background from unresolved binaries?

If we measure B-modes in the CMB compatible with a standard slow-roll inflationary tensor spectrum, to what extent is this a proof of inflation?

Do we have an alternative to inflation? Why not ?

How clustered are Primordial Black Holes? And how does clustering affect the observational constraints on their abundance?

How can we probe light (10^{17} - 10^{22} g) PBH dark matter?

Does it make physics sense to claim that cosmological experiments have achieved a 5-sigma detection of the neutrino masses?

The role of machine learning in the upcoming years (cosmology and beyond).

What are the uncertainties we will face from source removal imperfections in 21-cm power spectrum measurements?

How is the inhomogeneity of reionization and heating going to impact the 21-cm power spectrum measurements?