Colloque national Action Dark Energy 2022 - 6ème édition



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Stress test for models willing to solve the Hubble tension

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The Hubble tension, given the observed local measurement by SH0ES is known to be one of the major tension that the standard LCDM is facing. The recent results from Pantheon+ combined with the value inferred from SH0ES lead to a value of the reduced cosmological density parameter, ω_m that conflicts with the value inferred from the CMB for the LCDM model. However the situation does not really improve with alterative models twicked to solve the Hubble tension.

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Classification de Session: Review and contribution talks