

arXiv Journal club @ CCSP

Date of the meeting	Presented by	Main reference discussed
31/08/2022	Dr. Sayantan Choudhury	Humanly traversable wormholes (https://arxiv.org/pdf/2008.06618.pdf) (some notes on wormholes are available @CCSP office)
07/09/2022	Yogesh	Primordial black hole dark matter from inflation: the reverse engineering approach (https://arxiv.org/pdf/2207.10056.pdf)
14/09/2022	Mohit Kumar Sharma	The Oscillatory Universe, phantom crossing and the Hubble tension
07/10/2022	Dr. Shibesh Kumar Jas Pacif	General introduction to $f(Q)$ gravity and its cosmological consequences
23/11/2022	Professor Romesh K. Kaul	Hilbert Palatini approaches to gravity
13/02/2023	Dr. Najimuddin Khan	Phenomenology in the extended singlet scalar dark matter model
09/03/2023	Anirudhan A M	Revisiting Inert Doublet Model Parameters (https://arxiv.org/pdf/2302.03767.pdf)
18/04/2023	Sai Chaitanya Tadeipalli	Blue Isocurvature Perturbations and EFTofLSS based Forecast
11/05/2023	Anish Ghoshal	PBH Archaeology with Gravitational Waves from cosmic strings and induced tensor perturbations
23/05/2023	Poonam Mehta	The Neutrino Frontier in Particle Physics
29/05/2023	Naresh Dadhich	The recent trends in Gravity