

NAS Cosmology Journal Club - Season 1

on Tuesday 17.00-18.00 or Wednesday 16.30-17.30 online and on-site

Organizer: Dr. Nandan Roy

- 20-10-2021 Wed: **Amornthep Tita (IF)**
[arXiv:1809.08792](https://arxiv.org/abs/1809.08792) Can Holographic dark energy models fit the observational data?
Authors: [Mohammad Malekjani](#), [Mehdi Rezaei](#), [Iman A. Akhlaghi](#)
- 13-10-2021 Wed: **Chonticha Kritpetch (Phayao)**
[arXiv:1804.02989](https://arxiv.org/abs/1804.02989) Model selection and constraints from Holographic dark energy scenarios
Authors: [I. A. Akhlaghi](#), [M. Malekjani](#), [S. Basilakos](#), H. Haghi
- 6-10-2021 Wed: **Nandan Roy (NAS)**
[arXiv:2108.10998](https://arxiv.org/abs/2108.10998) Barrow Entropy Cosmology: an observational approach with a hint of stability analysis
Authors: Genly Leon, Juan Magaña, A. Hernández-Almada, Miguel A. García-Aspeitia, Tomás Verdugo, V. Motta
- 29-09-2021 Wed: **Amornthep Tita (IF)**
Eur. Phys. J. C (2021) 81 :575 | A new comparison between holographic dark energy and standard Lambda cosmology in the context of cosmography method
Authors: S. Pourojaghi and M. Malekjani
- 22-09-2021 Wed: **Phichayoot Baisri (IF)**
[arXiv:0706.2211](https://arxiv.org/abs/0706.2211) | Phys. Lett. B 655: 97-103, 2007 | Holographic hessence models|
Author: Wen Zhao
- 15-09-2021 Wed: **Candrasyah Muhammad (IF)**
[arxiv:2107.04869](https://arxiv.org/abs/2107.04869) Some statistical approaches in the apparent horizon entropy and the generalized second law of thermodynamics |
Authors: Everton M. C. Abreu, Jorge Ananias Neto
- 7-09-2021 Tuesday: **Burin Gumjudpai (NAS)**
[arXiv:hep-th/0501055](https://arxiv.org/abs/hep-th/0501055) First Law of Thermodynamics and Friedmann Equations of Friedmann-Robertson-Walker Universe
Authors: Rong-Gen Cai, Sang Pyo Kim
- 31-08-2021 Tuesday: **Amornthep Tita (IF)**
[arXiv:1804.02983](https://arxiv.org/abs/1804.02983) [gr-qc] Tsallis Holographic Dark Energy
Authors: M. Tavayef, A. Sheykhi, Kazuharu Bamba, H. Moradpour
- 24-08-2021: **Nandan Roy (NAS)**
[arXiv: 2108.04127](https://arxiv.org/abs/2108.04127) A forecast of using fast radio burst observations to constrain holographic dark energy | Qiu XW, Zhao ZW, Wang LF, Zhang JF, Zhang X.
- 17-08-2021: **Candrasyah Muhammad (IF)**
[arXiv:2105.08438](https://arxiv.org/abs/2105.08438) Different faces of generalized holographic dark energy
Authors: Nojiri, Shin'ichi, Sergei D. Odintsov, and Tanmoy Paul