



Wang-Wei Yu

Curriculum Vitae

Academic appointments

2018–present **Research assistant**, *Institute of Theoretical Physics, Chinese Academy of Sciences, Beijing China.*

Education

2018–present **Ph.D Candidate in Theoretical Physics**, *Institute of Theoretical Physics, Chinese Academy of Sciences.*

Advisor: Prof. Rong-Gen Cai

2014–2018 **Bachelor of Science in Theoretical Physics**, *Lanzhou University.*

Advisor: Prof. Yu-Xiao Liu

Publications

Publications The full list of publications are provided, see my [INSPIRE](#). The Bibliometric metrics: 5 papers (5 published), 71.2 citations, 12 average citations paper, h-index=5, m-index=2.5.

Interests Hubble Tension, Gravitational Waves Physics.

Details Rong-Gen Cai, Zong-Kuan Guo, Shao-Jiang Wang, Wang-Wei Yu & Yong Zhou, *No-go guide for the Hubble tension : matter perturbations* accepted by [Phys. Rev. D](#), [\[arXiv:2202.12214\]](#)

Rong-Gen Cai, Chengjie Fu & Wang-Wei Yu, *Parity violation in stochastic gravitational wave background from inflation*, [Phys. Rev. D](#) **105**, 103520, [\[arXiv:2112.04794\]](#)

Rong-Gen Cai, Zong-Kuan Guo, Shao-Jiang Wang, Wang-Wei Yu & Yong Zhou, *No-go guide for the Hubble tension: Late-time solutions*, [Phys. Rev. D](#) **105**, L021301, [\[arXiv:2107.13286\]](#)

Rong-Gen Cai, Zong-Kuan Guo, Li Li, Shao-Jiang Wang, & Wang-Wei Yu, *Chameleon dark energy can resolve the Hubble tension*, [Phys. Rev. D](#) **103**, L121302, [\[arXiv:2102.02020\]](#)

Zhong Guan Cun East Street 55 – Beijing 100190, P. R. China

✉ yuwangwei@mail.itp.ac.cn • ☎ xxxxxx

Rong-Gen Cai, Jia-Feng Ding, Zong-Kuan Guo, Shao-Jiang Wang, & Wang-Wei Yu, *Do the observational data favor a local void?*, [Phys. Rev. D 103, 123539, \[arXiv:2012.08292\]](#)

Awards

- 2022 Merit student of Chinses Academy of Sciences
- 2020 Shu-Guang Excellent Student Scholars of Institute of Theoretical Physics
- 2017 National Scholarship
- 2017 Excellent Graduates of Lanzhou University
- 2017 Student pacesetter of Lanzhou University
- 2016 National Scholarship
- 2016 Student pacesetter of Lanzhou University
- 2015 Excellent Student Scholars of Lanzhou University
- 2015 Student pacesetter of Lanzhou University
- 2014 The Third Place of Freshman Football Match of Lanzhou University

Computer skills

- Programming languages Python, Fortran, C, C++, Javascript, Bash
- Tools Mathematica, \LaTeX , Git, Vim, Matlab and so on
- Cosmological software EMCEE, CosmoMC, Camb, Bilby, Astropy, Dynesty, MultiNest and so on
- Other skill Job management on HPC clusters

Languages

- Chinese **Mothertongue**
- English **Conversationally fluent**

Seminars and conference talks

- Session talk **No-Go Guide for the Hubble Tension**, *23rd International Conference on General Relativity and Gravitation (GR23)*, July 2022, [\[video\]](#).
- Forum talk **Can Local Physics Resolve the Hubble Tension?**, *Partical Physics and Cosmology Forum*, July 2021.
- Session talk **Dose the observational data favor a local void?**, *2020/2021 Annual Meeting of Division of Gravity and Relativistic Astrophysics, Chinese Physical Society*, April 2021.

Interests

- Guitar
- Music
- Watching Moives
- Reading

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✉ yuwangwei@mail.itp.ac.cn • 📠 xxxxxx