

## GDR CoPhy Episode 2



Contribution ID: 19

Type: **not specified**

# Updated CMB Constraints on Reionization with the Planck PR4 Release

*Thursday, May 23, 2024 11:10 AM (20 minutes)*

The cosmic microwave background (CMB) provides a crucial window into the early universe's evolution, offering insights into the epoch of reionization. In this talk, we delve into the findings from the latest (and last) Planck data release, PR4, focusing on updated constraints on reionization derived from CMB observations. We explore the implications of these constraints for understanding the timeline, sources, and mechanisms driving the reionization process. By leveraging cutting-edge data and sophisticated analysis techniques, we aim to deepen our understanding of this pivotal phase in cosmic history and its implications for the broader cosmological framework.

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