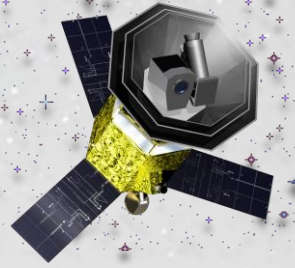


## 物理談話会

日時：2022年11月16日(水) 17:00-18:00

場所：理学部コラボレーション棟 3Fコラボレーション室

講演者：Samantha Lynn STEVER WTT助教



**Title: Tackling systematic effects ahead of the search for primordial gravitational waves**

**Abstract: LiteBIRD is the next generation of space telescopes and aims for the first ever measurement of primordial gravitational waves, which would confirm our understanding of the evolution of the Universe. The tiny signal, encoded in the polarisation of the cosmic microwave background, requires precise control and constraint of systematic effects. I present the recent progress to mitigate the issue of cosmic ray interference, which poses a dire threat to the mission outcomes of LiteBIRD. I will outline the work done in the past 3 years in Okayama University, as well as adjacent systematic effect studies both during and before this period.**

連絡先：理学部物理学科 石野宏和 (7818)