

Science Case beyond the design drivers

Plenary

CMB as a Backlight - Simone Ferraro (LBL) & Alex van Engelen (Arizona State University)

Parallel

Tidal Disruption Events - Kate Alexander (Northwestern University)

tSZ/kSZ from Galaxy samples - Eve Vavagiakis (Cornell University)

Gravitational Lensing - Boryana Hadzhiyska (Harvard University)

Galactic Science - Susan Clark (Stanford University)

Non-Gaussianity - Will Coulton (University of Tokyo)

Cosmic Birefringence - Yuto Minami (Osaka University)

Science Case beyond the design drivers

Points for discussion:

- How should we refine the science case for the preliminary baseline design? What to emphasize / de-emphasize compared to the DSR?
- What additions / refinements to the science case should we make looking forward to a Science Book 2 / CMB-S4 Bluebook sometime next year? (All new forecasts based on best estimate performance.)