

# Wrap-up discussion: Part 1

1. We will break up into galaxy lensers and CMB lensers.
2. The question for discussion is: what will you need to see from other side to trust their result, say in the event of a 5-sigma tension between CMB lensing and galaxy lensing.
  - a. Identify the 2 systematic effects you are most worried (later we will discuss how to address it).
  - b. The 5 of us will cross-over: Alex, Simone, Martin will 'facilitate' the discussion among galaxy experts; Elisabeth, Bhuv among the CMB experts.
  - c. Discussion time: 10 minutes!
3. We will reconvene, and post the findings about the leading 2-3 systematics on the blackboard by combining results from all groups.
4. We will then jointly discuss how to validate results against these systematics. Ideally in the form of a few plots.

## Part 2, if you want a Part 2

1. What ancilliary data would enable characterizing of astrophysical systematics and validation of tests.
  - a. What additional measurements of our own data would improve systematic mitigation.
2. What progress is needed to place non-Gaussian statistics on equal footing as 2-point statistics.
3. What are the most promising lensing surveys beyond CMB lensing and conventional imaging galaxy surveys.