

# White Paper

- Goal:
  - Provide broader context to NASA
    - Are we done? Are there more measurements to be carried out? What are the deliverables from these measurements? What are the most suitable platforms? What are the anticipated limitations of the platforms?
  - Give input about future emphases
    - Technology development, suborbital missions, planning for orbital mission
  - Discuss the relevant time scales for measurements, for technology development, for planning an orbital mission
- Format: White paper
  - 2-4 pages; 1 month
  - White paper goes to PhysPAG-EC, then to Astrophysics Subcommittee

# White Paper - Outline

- The scientific implications of the BICEP2 result and what else can/should be learned by future observations
- Anticipated timeline of subsequent measurements
  - verification / confirmation (near term)
  - follow-up measurements (mid and long term, including the role of ground, balloons, satellite)
- Space Measurement Opportunities Worldwide
  - NASA (explorer, probe)
  - ESA (M4)
  - JAXA
- Synergy with CMB-S4
- Recommendations
  - (Set up a Mission Study to define possible future US missions, including participation in foreign missions)
  - (Augment funding for technology development, and for suborbital missions)