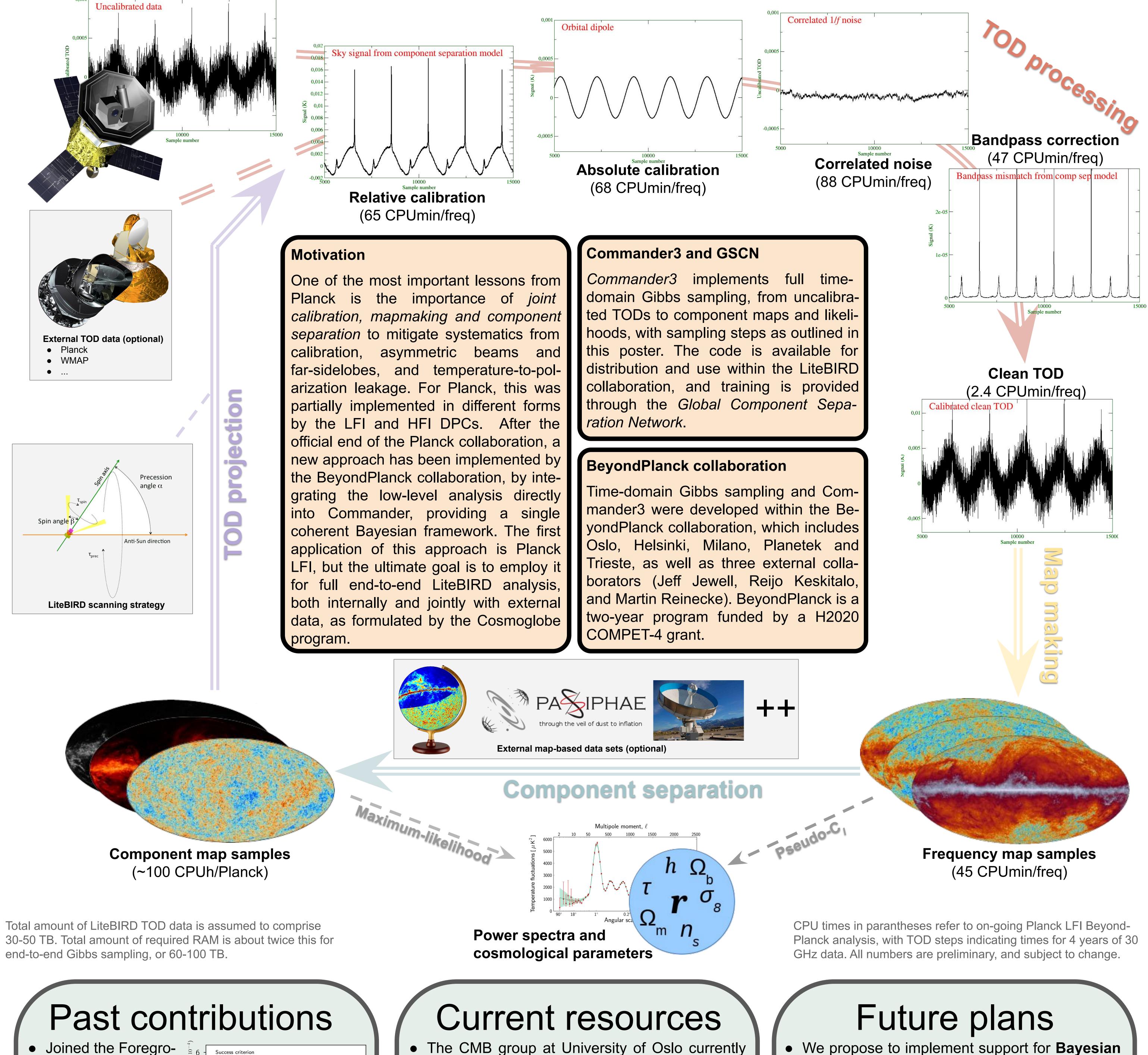


Expertise: Global Bayesian end-to-end analysis



- The CMB group at University of Oslo currently consists of 21 people, whereof **12 are funded** to work on LiteBIRD
- The group owns an in-house computing cluster

to-scalar ratio for several LiteBIRD generations with Commander1

unds JSG in 2016

• Constrained tensor-

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• Supported systematics analysis through stand-alone TOD simulator, including temperature-to-polarization leakage from bandpass missmatch and beam asymmetries

with **1500 cores and 12 TB RAM**

• Existing LiteBIRD funding until 2024, including two ERC Consolidator grants and two national grants (RCN ROMFORSK and INTPART)

 Very strong institutional and governmental support, aiming to consolidate Planck investments



LiteBIRD data center in Norway with ~1000 CPUs and 20 TB RAM between 2020-24, and ~6000 CPUs and 100 TB RAM between 2025-32, open to all LiteBIRD collaborators

end-to-end processing of LiteBIRD data

• We are interested in establishing a dedicated

- Data center to be supported by the Norwegian Space Agency, and funded by PRODEX/ESA. Science activities to be funded by the Research Council of Norway. This follows the same funding policy as Planck
- We are also exploring options for additional downlink/satellite monitor from Svalbard



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