

Pico

Commander updates 30.09.2021
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Simulations generated by Unni Fuskeland

- Both 90.91 and 90.92 simulations are ready
 - 40 arcmin beam
 - nside 512
 - White noise
- 10 different CMB and white noise realisations
 - With both $r = 0$ and $r = 0.003$

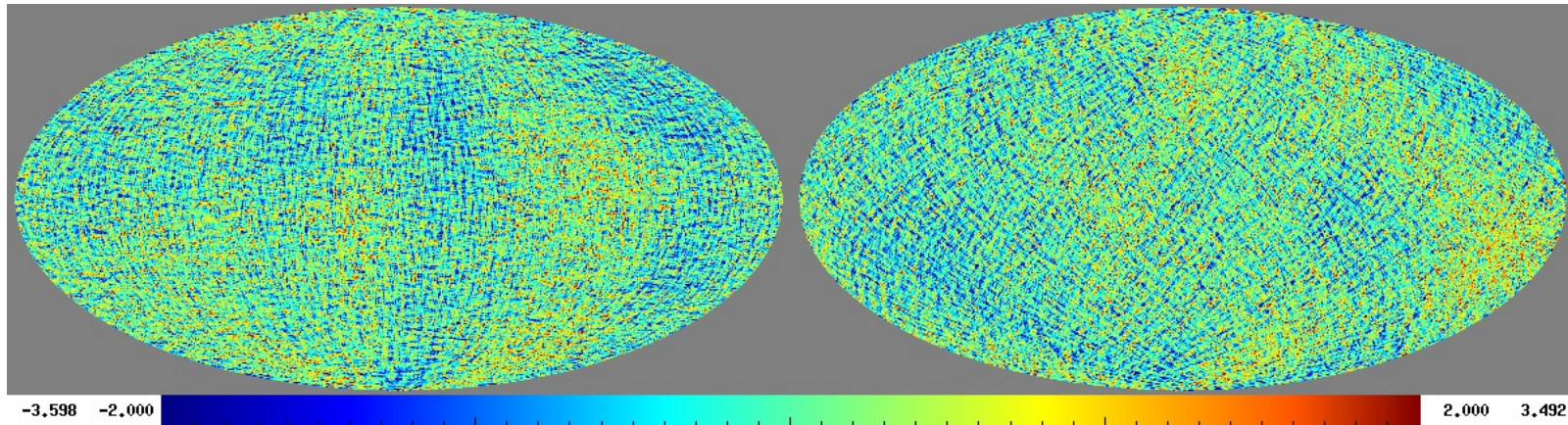
90.91

- Running Commander1 fitting 6 parameters pr pixel
 - CMB (A_{cmb})
 - One dust model ($A_{dust}, T_{dust}, \beta_{dust}$)
 - Synchrotron model (A_{sync}, β_{synch}) (nside64)
- All 20 simulation sets are currently under processing

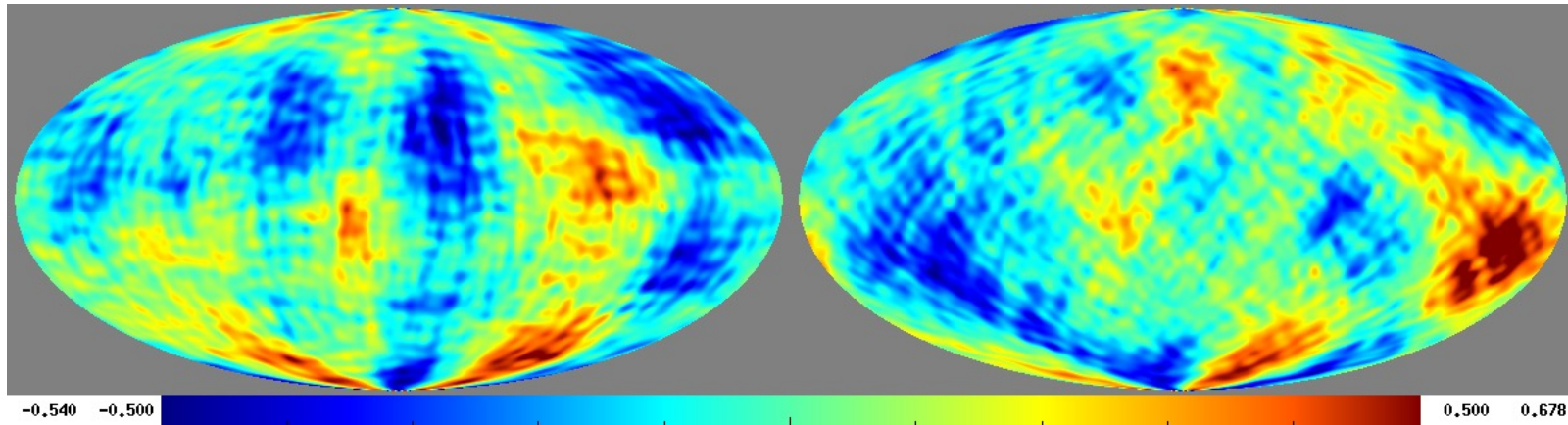
Resulting CMB map 91.91

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Smoothed to a
5 degree beam



Powerspectrum

Powerspectrum generated from unmasked CMB maps with $r = 0.003$

- Orange: Output CMB map from Commander
- Light blue: Input CMB map used to generate simulation

r -estimation to be done after all runs are finished

