

## **Cosmology Section Report 2019/20**

Cosmology has entered its golden age with several new instruments becoming functional. In particular, the CHIME radio telescope - recently completed in British Columbia - is offering a means to study the early structure of the universe between the epochs of the recombination and 4 Gy. As a bonus, CHIME routinely discovers fast radio bursts - mysterious pulses that are as yet unexplained. CHIME has joined the SKA consortium and it is my understanding that South Africa plans a very similar instrument which will allow similar scanning of southern skies.

The cosmology section continues to function as a platform for ASSA members to highlight relevant research that they encounter.

The Cosmology group was fortunate to transfer the group from Yahoo! to Groups.io with its archive intact - so our record of communications now extends back six years. Our active membership remains stable at 17 members (some with several email addresses) and we have 18-20 posts per month. I would like to express my ongoing gratitude to our contributors.

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