

# Astrophysics

*Saturday, 21 January 2023 09:45 (1 hour)*

9:45 - 10:15: Jo Dunkley, “The Earliest Image of the Universe”

I will talk about my work analyzing the cosmic microwave background, which is the earliest image we have of the universe. I use telescopes in Chile to study this exciting signal, that tells us about fundamental properties of the universe like its age, composition, and how fast it is growing. We also hope that it will reveal new information about the ‘invisible’ universe, and the very first moments of its expansion. I will also talk a bit about my own career path and some of the things I do beyond research.

10:15 - 10:45: Jenny Greene, “Looking for the first massive black holes with the James Webb Space Telescope”

**Presenters:** GREENE, Jenny (Princeton University); DUNKLEY, Jo (Princeton University)

**Session Classification:** Workshops