

# The Really Big Picture: Cosmology in the 21st Century

*Tuesday, 25 June 2019 12:30 (1h 15m)*

Starting from a very basic level we review how to describe the standard Big Bang model of an expanding universe. We discuss the connection between expansion dynamics and different types of matter and energy densities, and focus on the evidence for the accelerated expansion of our Universe driven by dark energy. Different schools of observation and measurement will be mentioned and we conclude with possible projections for our (very) long-term future.

**Presenter:** STANKUS, Paul (Brookhaven National Lab)