

School of Physics and Astronomy

COLLOQUIUM

Cosmological confusion... revealing common misconceptions about the Big Bang, the expansion of the Universe, and cosmic horizons



Professor Tamara Davis
The University of Queensland

What is expanding space? What came before the big bang? What causes the expansion? What expands? Is there an edge to space?

As physicists these are questions we frequently get asked by friends and family, perhaps over a beer, but they're rarely covered in our physics education. Beef up your cocktail party conversation repertoire by hearing about these and other cosmological conundrums, such as how the expansion can exceed the speed of light without violating relativity, and where the energy goes when photons are redshifted by the expansion of the universe.

Date: Wednesday 9 October 2019

Time: 2pm

Venue: L1, Seminar Room 107, 10 College Walk, Clayton

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