

ISAPP Seminar

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ASTROPHYSICAL COSMOLOGY 2012

I will briefly review some of the outstanding questions in cosmology today.

These will include:

How did galaxies form?

How did supermassive black holes form?

What is the connection between supermassive black holes and galaxy formation?

Are there unexpectedly massive structures on the largest scales such as superclusters and voids?

What is the nature of dark matter?

Is dark energy just Einstein's cosmological constant?