



ICTS

INTERNATIONAL
CENTRE *for*
THEORETICAL
SCIENCES

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

ICTS Special Colloquium

Title : Testing the Cosmological Principle

Speaker : Subir Sarkar, University of Oxford, England

Date : Wednesday, December 26, 2018

Time : 3:00 PM

Venue : Emmy Noether Seminar Room, ICTS Campus, Bangalore

Abstract : That the universe is statistically isotropic when averaged over large scales is a foundational 'principle' of the standard cosmological model. Recent surveys of the distribution of galaxies & radio sources and studies of the relic cosmic microwave background radiation now make it possible to test this observationally - with some *intriguing* results.

[[arXiv:1703.09376](#), [arXiv:1711.08441](#), [arXiv:1712.03444](#), [arXiv:1808.04597](#)]