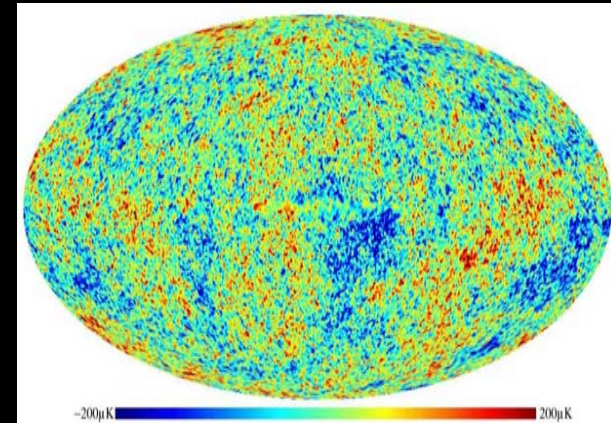


Theory Seminar

Monday, May 3, 2010 2:10 PM 831 Pupin Hall

Non-Gaussianities

The initial perturbations giving rise to all the structures of our Universe follow, in first approximation, a Gaussian statistics. This indicates that the theory describing the early universe is rather weakly coupled. I will review the recent theoretical and experimental studies of the deviations from this simple picture: non-Gaussianities. I will show that they contain a wealth of information about the early phases of the Universe.



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