

*"Are we leaving in lopsided Universe?"*

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**Thursday December the 10th, 2015  
(19h00- the main lecture hall)**

**Abstract :** *The two fundamental assumptions in cosmology are the Universe is statistically homogeneous and isotropic when averaged on large scales. Given the big implication of these assumptions, there has been a lot of statistical tests carried out to verify its validity.*

*Since the first high-precision Cosmic Microwave Background (CMB) data release by the WMAP satellite, many anomalies, including dipolar power asymmetry on large angular scales, which challenges the isotropy assumption, have been reported. In this talk I will present a brief summary of the test of cosmic isotropy we carried out in the WMAP and Planck temperature data.*

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