

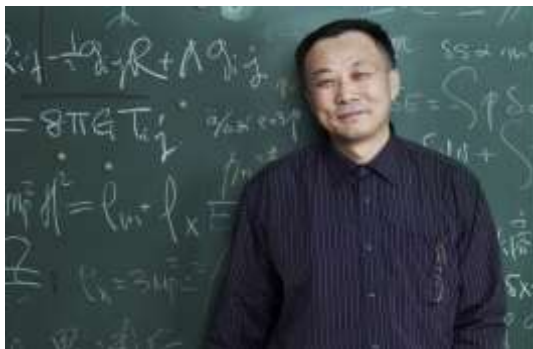
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# 国台学术报告 NAOC COLLOQUIUM

2015 年 第 04 次 / Number 04 2015

**Time: Wednesday 2:30PM, Jan. 28 Location: A601 NAOC**

## Coexistence of cosmological constant and holographic dark energy



**Prof. Miao Li**

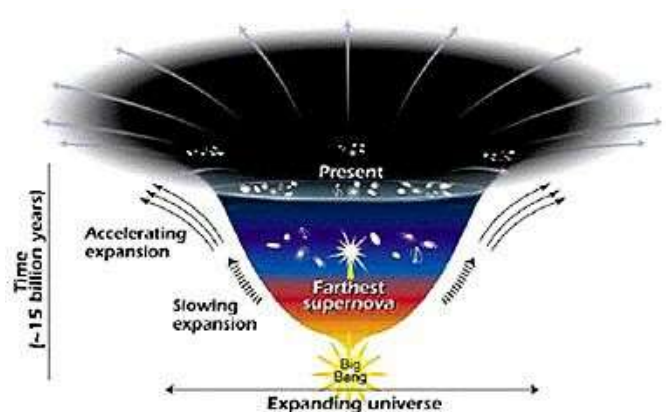
**(Sun Yat-sen University)**

Prof. Miao Li (李淼) is the director of the Institute of Astronomy and Space Science, Sun Yat-sen University (中山大学天文与空间科学研究院院长). He received his

Ph.D from the University of Science and Technology of China in 1988. His research focuses on String Theory, Gravitation and Cosmology.

### Abstract

In the scenario of multi-verse, it is much more natural that both the cosmological constant (CC) and the holographic dark energy (HDE) exist, for the former is a physical constant and the latter is a finite size effect. We study this situation both theoretically and numerically, and find that indeed with the available observational data both CC and HDE exist.



*All are welcome! Tea, coffee, biscuits will be served at 2:15 P.M.*