

4th International Workshop on

Dark Matter, Dark Energy and Matter-Antimatter Asymmetry

暗物質、暗能量及物質-反物質不對稱

December 29-31, 2016 - Lecture Room 4A, NCTS, General 3rd Building, NTHU, Hsinchu, Taiwan

With less than 5% of the energy content of the universe identified as the ordinary baryonic matter, the understandings of both dark matter and dark energy as well as the matter-antimatter asymmetry are among the paramount problems in fundamental science today including high energy and gravity physics. This workshop is devoted to questions pertaining to dark matter, dark energy and the matter-antimatter asymmetry in the universe. This meeting will bring together a wide range of international and local experts to discuss current ideas and models of the dark side and baryogenesis.

Website

- <http://www.phys.nthu.edu.tw/~dark/2016/>

Registration

- Registration deadline is **December 20, 2016**

Topics

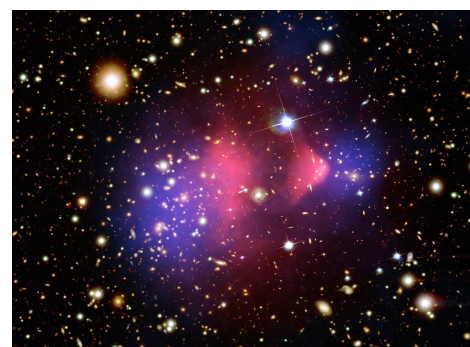
- Baryogenesis and Leptogenesis
- Dark Energy
- Dark Matter
- Neutrino
- Gravity
- Inflation
- Flavor Physics

Organization Committee

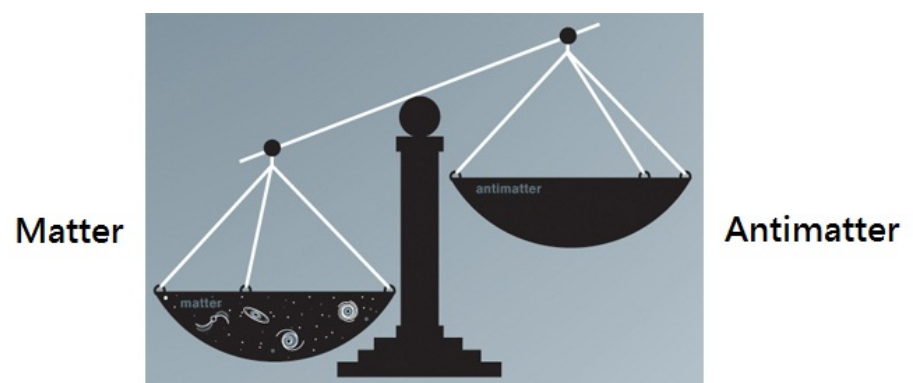
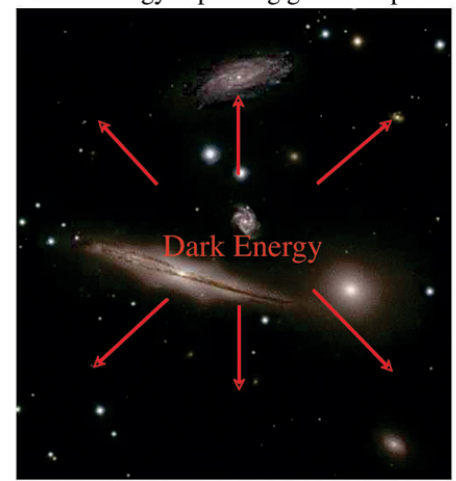
- Jiunn-Wei Chen (NTU)
- Chao-Qiang Geng (NCTS/NTHU) (**Chair**)
- Xiao-Gang He (NCTS/NTU)
- Wolung Lee (NTNU)
- Cheng-Pang Liu (NDHU) (**Co-Chair**)
- Kin-Wang Ng (AS)
- Henry T. Wong (AS)

Sponsors

- National Center for Theoretical Sciences (NCTS)
- National Tsing Hua University (NTHU)
- Chongqing University of Posts and Telecommunications (CQUPT)



Dark energy is pushing galaxies apart.



NCTS Secretary

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