

NCTS Dark Physics Workshop

January 09–11, 2020 – Lecture Room 4A, NCTS, 3rd General 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/2020/>

Registration

- Registration deadline is **December 20, 2019**

Topics

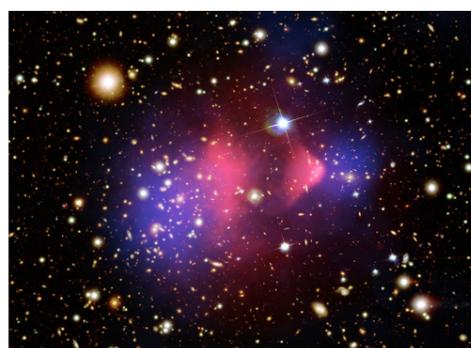
- Baryogenesis and Leptogenesis
- Dark Energy
- Dark Matter
- Neutrino
- Gravity
- Inflation
- Flavor Physics

Organization Committee

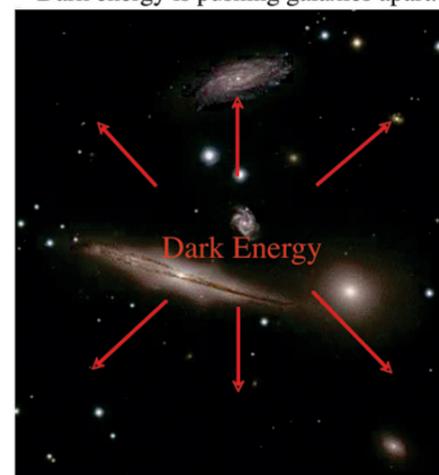
- We–Fu Chang (NTHU)
- Chian–Shu Chen (Tamkang University)
- Chao–Qiang Geng (NCTS/NTHU) (**Chair**)
- Xiao–Gang He (NCTS/NTU)
- Wolung Lee (NTNU)
- Cheng–Pang Liu (NDHU) (**Co–Chair**)
- Kin–Wang Ng (AS)
- Henry T. Wong (AS)
- Meng–Ru Wu (AS)

Sponsors

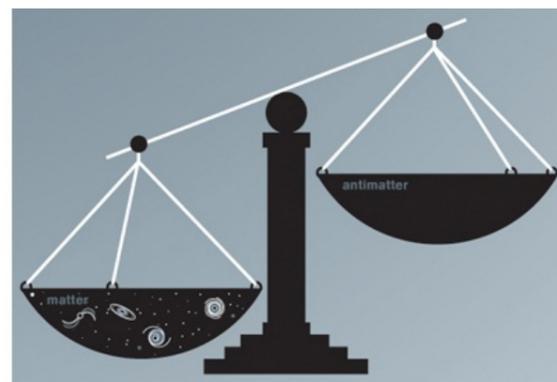
- National Center for Theoretical Sciences (NCTS)
- National Tsing Hua University (NTHU)



Dark energy is pushing galaxies apart.



Matter



Antimatter

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