

# 2nd International Workshop on *Dark Matter, Dark Energy* *Matter-antimatter Asymmetry*

暗物質、暗能量及物質-反物質不對稱

November 5~6, 2010 Dept. of Phys., National Tsing Hua Univ., Hsinchu, Taiwan

## Introduction

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 high energy physics today. 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.

## Topics

- Dark matter theory and experiment
- Dark energy theory
- Baryogenesis and leptogenesis

- Modified gravity theory
- Inflation

## Speakers

### Oversea Speakers:

- K. Bamba (KMI, Japan)
- G. Belanger (LAPTH, France)
- R.G. Cai (ITP, Beijing)
- C.R. Chen (IPMU, Japan)
- Y.G. Gong (CQUPT, Chongqing)
- H. Motohashi (Tokyo U, Japan)
- M. Saridakis (UOA, Grace)
- P.X. Wu (HNU, Changsha)
- H.W. Yu (HNU, Changsha)
- J.M. Yang (ITP, Beijing)
- N. Yokozaki (Toyko U, Japan)
- Y.F. Zhou (ITP, Beijing)
- S.H. Zhu (Beijing Univ., Beijing)

### Local Speakers:

- Y.H. Ahn (AS)
- T. Enkhbat (NTU)
- J.A. Gu (NTU)
- W.S. Hou (NTU)
- C.M. Lin (NTHU)
- C.C. Lee (NTHU)
- S. Lee (AS)
- K. Nagao (NTHU)
- K.W. Ng (AS)
- W. T. Ni (NTHU)
- E. Senaha (NCTS)
- C.L. Shan (NCKU)
- H.C. Tsai (NCKU)
- H.T.K. Wong (AS)

## Organizers

- C. Q. Geng
- Ling-Fong Li

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<http://www.phys.nthu.edu.tw/~dark/2010/conference.php>

## Sponsors

- National Tsing Hua University (NTHU)
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