

The 13th International Workshop on the Dark Side of the Universe

Monday, 10 July 2017 - Friday, 14 July 2017

Lecture Building, KAIST Munji Campus, Daejeon, Korea

Scientific Programme

Plenary Session

Kyu Jung Bae (CTPU, IBS): Light Axinos: Decay, Freeze-in Production & Lyman-alpha Constraints

Csaba Balazs (Monash): Stochastic gravitational waves at aLIGO from a singlet extension of the SM

Kipp Cannon (Tokyo): Status of LIGO and Virgo, Latest Observational Results, and Outlook

Marco Cirelli (LPTHE): Dark Matter secret liaisons - Phenomenology of a dark U(1) sector with bound states

Glennys Farrar (NYU): Stable Sexaquark as Dark Matter

Paolo Gondolo (Utah): A new halo-independent approach and the DAMA unmodulated signal

Kenji Kadota (CTPU, IBS): Light Dark Matter

Joern Kersten (Bergen): Late Kinetic Decoupling and Self-Interacting Dark Matter

Pyungwon Ko (KIAS): Particle physics models for interacting DM-DR

Caitlin MacQueen (Melbourne): Dark Sector Physics with Belle II

Hyun Su Lee (CUP, IBS): Status of COSINE dark matter search experiment

Yann Mambrini (LPT): Insights on "freeze-in" process

Danny Marfatia (Hawaii): Nonstandard interactions at long-baseline neutrino experiments

Keith Olive (Minnesota): EeV Supersymmetric Dark Matter

Stefano Profumo (UCSC): Status of Astrophysical Searches for Dark Matter

Albert De Roeck (CERN): Dark Matter searches at LHC

Stefano Scopel (Sogang): Linking direct detection and relic abundance in WIMP effective models

Yannis Semertzidis (CAPP, IBS): Axion dark matter searches

Arman Shafieloo (KASI): Lambda or not Lambda?

Chang Sub Shin (APCTP): General Continuum Clockwork

Fumihiro Takayama (YITP): Tiny flavor symmetry breaking neutrino masses and dark matter

Jun'ichi Yokoyama (Tokyo): The Universe after G-inflation

Yu-Feng Zhou (ITPCAS): Cosmic-ray antiprotons and dark matter