

“A mini-workshop on common topics with Insight-HXMT and Fermi”

Room 522, CYM Physics BuildingThe University of Hong Kong, 9 August 2018

09:00 – 09:05 Welcome (KS Cheng)

09:05 – 09:25 The operation and calibration status of Insight-HXMT – Liming SONG (IHEP)

09:25 – 09:45 Pulsar observations with Insight-HXMT – Mingyu GE (IHEP)

09:45 – 10:00 The study of compact objects with Insight-HXMT – Yue HUANG (IHEP)

10:00 – 10:15 Insight-HXMT observations of the Crab – Mingyu Ge (IHEP/UCAS)

10:15 – 10:30 Insight-HXMT observations of the newly-discovered transient X-ray pulsar Swift J0243.6+6124 –Yue ZHANG (IHEP/UCAS)

10:30 – 11:00 Coffee Break

11:00 – 11:15 Fermi LAT gamma-ray pulsars – Pablo SAZ PARKINSON (HKU)

11:15 – 11:30 Investigating LAT gamma-ray pulsars below 100 MeV – Brent LIMYANSKY (UCSC)

11:30 – 11:45 High-energy emission of energetic millisecond pulsars – Stephen NG (HKU)

11:45 – 12:00 PW component in Redbacks and Black Widow pulsars – Ruby NG (HKU)

12:00 – 12:15 A systematic study of magnetar pulse profiles in soft X-rays – Chin-Ping HU (HKU)

12:15 – 12:30 Gamma-ray emission from the centers of the Milky Way and M31 observed with Fermi LAT – Xian HOU (YNAO)

12:30 – 12:35 Group Photo (in front of Eliot Hall)

12:35 – 14:00 Lunch at Graduate House

14:00 – 14:15 Classifying Unidentified Fermi Objects (UFO) – David HUI (Chungnam)

14:15 – 14:30 Pulsar searches in Fermi LAT sources with FAST – Pei WANG (NAOC)

14:30 – 14:45 Potential pulsar blind searches with Insight-HXMT – Zhengwei LI (IHEP)

14:45 – 15:00 Highly-embedded shock X-ray emission from LAT-detected novae – Ray LI (MSU)

15:00 – 15:20 Insight-HXMT observations of PSRs B1509-58 and B0540-69 – Shijie Zheng (IHEP)

15:20 – 15:40 The synergy of Fermi and HXMT in observing transients: GRBs and more – Thomas TAM (SYSU)

15:40 – 16:00 Filling the energy gap between HXMT and Fermi – Meng SU (HKU)

16:00 – 16:30 Coffee Break

16:30 – 17:30 The Insight-HXMT Data Structure – Yue HUANG (IHEP/UCAS)

17:30 – 18:30 The Insight-HXMT Data Reduction Guide – Yue ZHANG (IHEP/UCAS)

18:30 – 19:00 Discussion

19:00 Workshop Banquet at a Chinese Restaurant