

A12b **Optical follow-up observation at Lulin observatory, Taiwan**

黄 癸雲 (台湾 国立中央大学/理研)、浦田 裕次 (理研/東工大)、葉 永恒 (台湾 国立中央大学)、
玉川 徹 (理研)、牧島 一夫 (理研/東大理)

We have been constructing rapid follow-up observation system at Lulin observatory based on that of Kiso observatory (Urata et al 2002). The Lulin observatory is belong to National Central University, Taiwan and has 1-m telescope. The Lulin observatory serve as valuable additions to the world-wide optical network because the east Asia region would otherwise be blank for the network.

For observational strategy, we divided strategy into two parts by the error range of HETE-2 instruments (WXM and SXC). If error range is larger than F.O.V. of LOT ($\sim 10'$), we will have dithering observation for the field with center of coordinate and search the counterpart with scanning in B or R band. If the error range is under filed of view, we will have searching observation for counterparts quickly. When the counterparts were found, we will have multi-band observations for whole observational night.

Since 2003 June, we have already some foremost follow-up observations (Huang et al. and Chen et al). In this time, we will report our follow-up observation system and early results obtained by this system.