

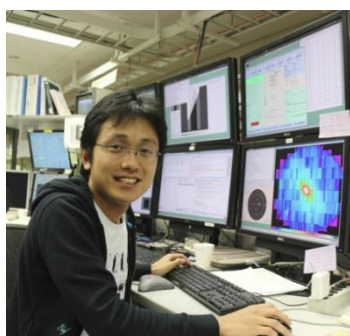
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3 colours simultaneous imager in the Ali site Project: HinOTORI

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Dr. UTSUMI Yousuke (内海 洋輔) is a Project Assistant Professor in Hiroshima Astrophysical Science Center, Hiroshima University. He got a PhD from Graduate University for Advanced Studies in 2012. He was a member of a developing team of Hyper Suprime-Cam of Subaru telescope. Especially, he is in charge of developing the control system of HSC. His

current research interests are cluster weak lensing, structure formation in early universe, especially host halo and host galaxy of high-redshift quasar, .

Abstract

Ali, Tibet is developed by Prof Yao group as an astronomical site, and their result reveals that there should be one of the best observational sites in the world because of the clear sky rate ($>70\%$) and high altitude ($\sim 5000\text{m}$). In



this great valuable site, we are developing 3 colours simultaneous imager called HinOTORI (Hiroshima University Operated Tibet Optical Robotic Imager) to perform a follow-up observation of counter part objects of Gravitational Wave sources which is supposed to be detected in several years. Our imager has the following advantages: (1) a high availability with robotic control and the high clearness. (2) an unique capability in u-band imaging with high altitude site. In this talk, we will introduce our project and the current status.

All are welcome! Tea, coffee, biscuits will be served at 9:45 A.M.

You are welcome to nominate speakers to Weimin Yuan (wmy@nao.cas.cn), Mei Zhang (zhangmei@bao.ac.cn), Licai Deng (licai@bao.ac.cn), Xuelei Chen (xuelei@cosmology.bao.ac.cn), Shude Mao (smao@nao.cas.cn)