A Journey to the West

— My Sabbatical Adventures

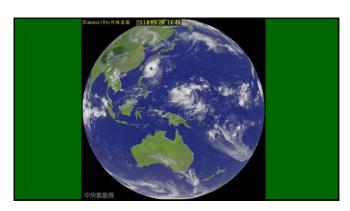
Wen-Ping Chen(陳文屏) National Central University



Itinerary

- Guanzhou, China, 2018.06.28~30
- Xinjiang, China (Xinjiang Astronomical Observatory) Urumqi, Nanshan, Muztagata, 2018.06.28~08.15
- NCU, 2018.08.15~09.02
- Kolkata, India (S. N. Bose Centre for Basic Sciences), 2018.09.02~08
- Nailital (Aryabhatta Research Institute of Observational Sciences, ARIES), 2018.09.03~10.17
- **Pilani**, Birla Institute of Technology and Science (BITS), 2018.10.17~21
- NCU, 2018.10.21~





















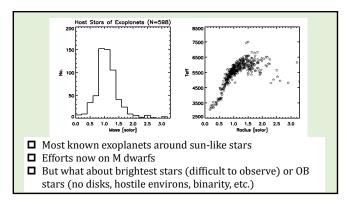


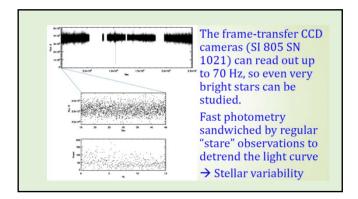


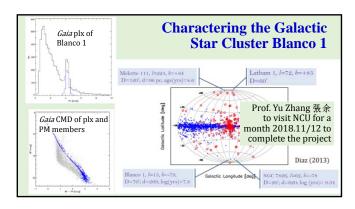














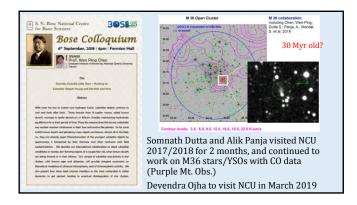




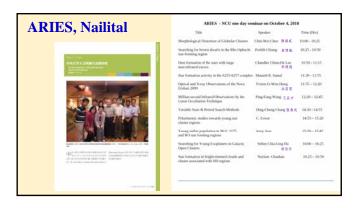


















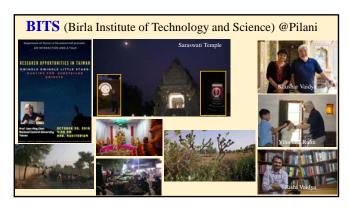




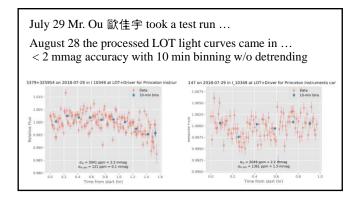










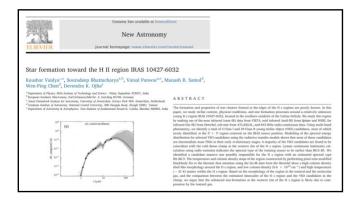


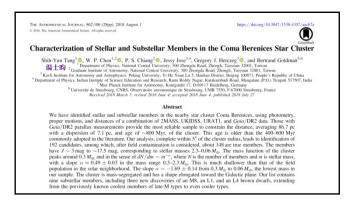
>>>>> Original Message <<<<
From: Daniel Apai
To: Wen-Ping Chen
Ce: Thomas Henning-Paul Gabor
Ce: Thomas Henning-Paul Gabor
Sent Date: Tue, 28 Aug 2018 23:29:00 Asia/Taipei
Subject: EDDs data analysis and next steps
Dear Wen-Ping (cc: Thomas, Paul),
we have completed a preliminary reduction and photometry of the Lulin datasets. Although further improvements in
the future can be reached through de-trending (we are exploring several methods), the current reduction is already
good enough to verify that the data are good quality and that the photometry will work well for the purposes of our
survey.

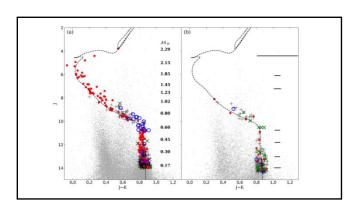
1 attached two PDF files with reduced lightcurves. These were taken for actual EDEN targets, late and fainter red
dwarfs, and reach about <2mmag precision for 10-minute bins. We believe that with longer datasets and de-trending
the photometry will improve further:
the photometry will improve further:
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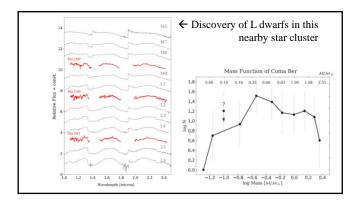
- NCU joins as a major partner (contributing 1-m class telescope time > 100 nights per year) along with U of Arizona/Steward Obs., Vatican Obs., & MPIA, plus several minor partners.
- ◆ To monitor nearby late-type M dwarfs to search for (transiting events by) exoplanets in the habitable zones
- ◆ To follow up *TESS* discoveries
- ◆ The first run in Sep: 3/5 clear nights with LCs of two targets. Next run in Oct 3/5.

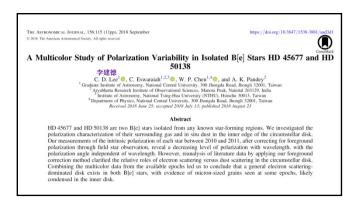
You are invited ... for exoplanet science, for stellar variability, etc.

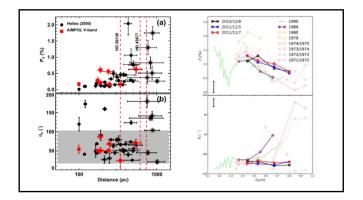


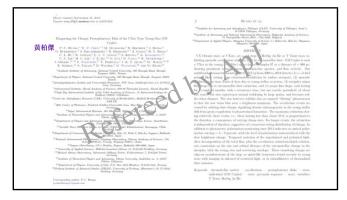


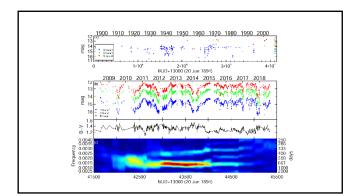








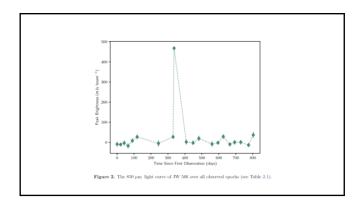


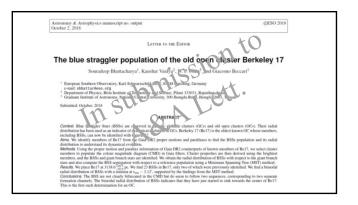


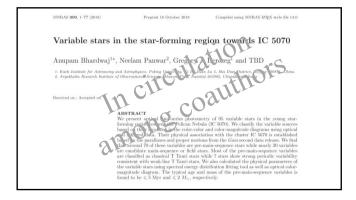
The JCMT Demoist Survey: An Extraordinary Submillimeter Plans

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Brown Dwarfs in LAMOST Survey: from law of the Lasters
You-Fen Wang, ¹ Shih-Yun Tang, ² P. Sa Charles, A.-Li Luo, ¹ And
W. P. Chiff,

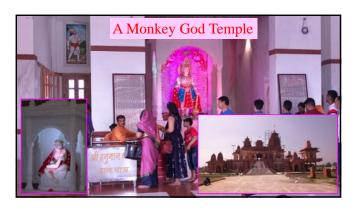
¹ Key Laboratory of Optical Astronomy, Narianal Astronomical Observatories, Chinese Academy of Color of Physics, National Central University, 300 Zhongda Road, Zhongdi, Tsurvan

³ Graduate Institute of Astronomy, National Central University, 300 Zhongda Road, Zhongdi, Tsurvan

ABSTRACT

We present a list of brown dwarfs serendipitously found in the LAMOST spectral sky survey. The stars with LAMOST spectra showing late-M types, typically with lower signal-to-noise than brighter targets, are analyzed with broad-band photometric colors to ascertain their brown dwarf nature.





Conclusions

- It was a fruitful adventure, scientifically and culturally, by visiting many places, meeting with old acquaintances, making new ones, and teaching under different settings.
- "What matters is not how many hours you work in a day; it is how long you get to concentrate in a stretch."
- My geographical ignorance has been alleviated a bit; my experience with the Chinese and Indian ways of living has deepened and broadened. Languages in Thailand, Bhutan, Nepal, Myanmar, etc.
- The monk, now with the scriptures, is fully energized.