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MATTHEW SIEBERT CURRICULUM VITAE

PhD INFORMATION

Affiliation: University of California Santa Cruz
PhD Topic: A Relational Database of Type Ia Supernova Spectra
PhD Advisor: Ryan Foley
Years Since Beginning of PhD: Currently in the second quarter of my first year.

EDUCATION

Cornell University, Ithaca, NY
Bachelor of Science: Engineering Physics
Graduated: May 2016

RESEARCH EXPERIENCE

MIT Haystack Observatory
A New Software User Interface for the Upgraded Haystack 37-meter Radio Telescope
June 2015 – August 2015

PUBLICATIONS

"On the Progenitor of the Type IIb Supernova 2016gkg". Kilpatrick, Charles D.; Foley, Ryan J.; Abramson, Louis E.; Pan, Yen-Chen; Lu, Cicero-Xinyu; Williams, Peter; Treu, Tommaso; **Siebert, Matthew R.**; Fassnacht, Christopher D.; Max, Claire E. 03/2017. *Monthly Notices of the Royal Astronomical Society , Volume 465, Issue 4, p.4650-4657*

Astronomer's Telegrams (Unrefereed):

"Spectroscopic Classifications of Optical Transients with Mayall/KOSMOS". Pan, Y.-C.; **Siebert, M. R.**; Foley, R. J.; Jha, S. W.*; Rest, A.; Scolnic, D.* 11/2016. *The Astronomer's Telegram, No. 9813.*

"Progenitor Candidate for SN 2016gkg in NGC 613". Kilpatrick, C. D.; **Siebert, M. R.**; Foley, R. J.; Max, C. E.; Williams, P.; Abramson, L. E.; Lu, C.-X.; Treu, T.; Kassis, M. 09/2016. *The Astronomer's Telegram, No. 9536.*

"Spectroscopic Classifications of AT2016esx with Mayall/KOSMOS". Kilpatrick, C. D.; **Siebert, M. R.**; Coulter, D. A.; Foley, R. J.; Pan, Y.-C.; Jha, S. W.; Rest, A.; Scolnic, D. 08/2016. *The Astronomer's Telegram, No. 9367.*

"Spectroscopic Classifications of Optical Transients with Mayall/KOSMOS". Kilpatrick, C. D.; **Siebert, M. R.**; Foley, R. J.; Pan, Y.-C.; Jha, S. W.; Rest, A.; Scolnic, D. 08/2016. *The Astronomer's Telegram, No. 9361.*

"Spectroscopic Classifications of Optical Transients with Mayall/KOSMOS". Kilpatrick, C. D.; **Siebert, M. R.**; Foley, R. J.; Pan, Y.-C.; Jha, S. W.; Rest, A.; Scolnic, D. 08/2016. *The Astronomer's Telegram, No. 9355.*

"Spectroscopic Classifications of Optical Transients with Mayall/KOSMOS". Pan, Y.-C.; Kilpatrick, C. D.; **Siebert, M. R.**; Foley, R. J.; Jha, S. W.; Rest, A.; Scolnic, D. 08/2016. *The Astronomer's Telegram, No. 9333.*

"Spectroscopic Classifications of Optical Transients with SOAR". Pan, Y.-C.; Miller, J. A.; **Siebert, M. R.**; Foley, R. J.; Jha, S. W.; Rest, A.; Scolnic, D.; Smith, K. W.; Wright, D.; Smartt, S. J.; Huber, M.; Chambers, K. C.; Flewelling, H.; Willman, M.; Primak, N.; Schultz, A.; Gibson, B.; Magnier, E.; Waters, C.; Tonry, J.; Wainscoat, R. J. 07/2016. *The Astronomer's Telegrams, No. 9277.*

OBSERVING EXPERIENCE

KPNO Mayall – Optical Spectroscopy (KOSMOS). 5 nights.
SOAR – Optical Spectroscopy (Goodman). 2 Nights.
Nickel (Lick)– Direct Imaging. 3 Nights.
Keck – Adaptive Optics Imaging. 1 Night.
George H. Herbig Observational Astronomy Workshop. Lick Observatory, Mt. Hamilton, CA. – Gained experience using Shane-3m and Nickel.

REFERENCES

Ryan Foley: foley@ucsc.edu (University of California Santa Cruz)

James Lloyd: james.lloyd@cornell.edu (Cornell University)