

# Hobby-Eberly Telescope Publication Policy

The Hobby-Eberly Telescope (HET) Board of Directors recognizes that it is a prime responsibility of the scientists utilizing the HET to recognize the individuals and funding agencies that have provided the resources and innovation for the telescope's infrastructure. This document describes the acknowledgments and references to be used in publications that include data acquired by the HET. Authors should review this document prior to submission of papers as the acknowledgments and technical references will be regularly updated.

The HET Publications Coordinator (HPC) will be appointed by the HET Board for a three-year (renewable) term. It is the responsibility of the HPC to inform the Board, at its biannual meetings, of the peer-reviewed publications based on HET activity. The HPC will maintain an archive of all HET publications. When a peer-reviewed paper has appeared in print, the lead author will contact the HPC with the journal reference information.

## Engineering/Commissioning Observations

Data obtained during a scheduled instrument engineering/commissioning operations belong to the instrument PI who has the right to determine the coauthors on any publications that result from these observations.

During the early operational phase of an instrument, investigators are strongly encouraged to consider the contributions of key members of the instrument team and include them as co-authors.

## The following items shall appear in all HET publications

A footnote to title

"Based on observations obtained with the Hobby-Eberly Telescope (HET), which is a joint project of the University of Texas at Austin, the Pennsylvania State University, Ludwig-Maximilians-Universitaet Muenchen, and Georg-August Universitaet Goettingen. The HET is named in honor of its principal benefactors, William P. Hobby and Robert E. Eberly."

## References for telescope

Hobby-Eberly Telescope

Ramsey, L.W., et al. 1998, Proc. SPIE, 3352, 34

Wide-field Upgrade

Hill, G.J., et al., 2021, AJ, 162, 298 (<https://arxiv.org/abs/2110.03843>)

## **HET Queue Scheduling**

In papers where the HET Queue Scheduling plays an important role (e.g., Targets of Opportunity, Synoptic Observations) the following reference should be cited:

Shetrone, M.D., et al. 2007, PASP, 119, 556

## **HET Instruments**

In papers where HET data are being reported, the following acknowledgments and references shall appear for the instrumentation used in the investigation:

### **Visible IFU Replicable Unit Spectrograph (VIRUS)**

#### **Acknowledgment**

“VIRUS is a joint project of the University of Texas at Austin, Leibniz-Institut für Astrophysik Potsdam (AIP), Texas A&M University (TAMU), Max-Planck-Institut für Extraterrestrische Physik (MPE), Ludwig-Maximilians-Universität München, Pennsylvania State University, Institut für Astrophysik Göttingen, University of Oxford, and the Max-Planck-Institut für Astrophysik (MPA). In addition to Institutional support, VIRUS was partially funded by the National Science Foundation, the State of Texas, and generous support from private individuals and foundations.”

For papers discussing VIRUS hardware and particularly the VIRUS IFUs, there is this additional acknowledgment, but this reference won't normally be needed on science papers:

“Financial support for innoFSPEC Potsdam of the German BMBF program Unternehmen Region and of Land Brandenburg, MWFK is gratefully acknowledged. We also acknowledge support by the German BMI program Wirtschaft trifft Wissenschaft. “

#### **Reference**

The following reference should appear in all papers that are acquired with the Wide-field Upgrade, but this paper also serves as the VIRUS instrument reference:

Hill, G.J., et al., 2021, AJ, 162, 298 (<https://arxiv.org/abs/2110.03843>)

### **Low Resolution Spectrograph 2 (LRS2)**

## Acknowledgment

The Low Resolution Spectrograph 2 (LRS2) was developed and funded by the University of Texas at Austin McDonald Observatory and Department of Astronomy, and by Pennsylvania State University. We thank the Leibniz-Institut für Astrophysik Potsdam (AIP) and the Institut für Astrophysik Göttingen (IAG) for their contributions to the construction of the integral field units.

## Reference

Chonis, T.S., Hill, G.J., Lee, H., Tuttle, S.E., Vattiat, B.L., Drory, N., Indahl, B.L., Peterson, T.W., and Ramsey, J., 2016, Proc. SPIE 9908, 99084C

## Habitable-zone Planet Finder (HPF)

### Acknowledgment

“These results are based on observations obtained with the Habitable-zone Planet Finder (HPF) spectrograph on the HET. The HPF team was supported by grants from the National Science Foundation, the NASA Astrobiology Institute, and the Heising-Simons Foundation.”

### Reference

Mahadevan, S., et al. 2012, Proc. SPIE, 8446, 84461S

The final HPF overview paper has not yet been written. Authors who wish to include a more detailed description of the current instrument can include a passage in the paper along these lines:

The observations were obtained using the Habitable-zone Planet Finder (HPF; Mahadevan et al. 2012, 2014), a near-infrared, high-resolution precision radial velocity spectrograph located at the 10-meter Hobby-Eberly Telescope (HET) in Texas. We use the algorithms described in the tool HxRGproc for bias removal, non-linearity correction, cosmic ray correction, slope/flux and variance image calculation (Ninan et al. 2018) of the raw HPF data. HPF has the capability for simultaneous calibration using a NIR Laser Frequency Comb (Metcalf et al. 2019).

Mahadevan, S., et al. 2014, Proc. SPIE, 9147, 91471G

Ninan, J.P., et al. 2018, Proc. SPIE, 10709, 107092U

Metcalf, A.J., et al. 2019, Optica, 6, 233

## Document History

Approved by the Hobby-Eberly Telescope Board of Directors 13 September 2022