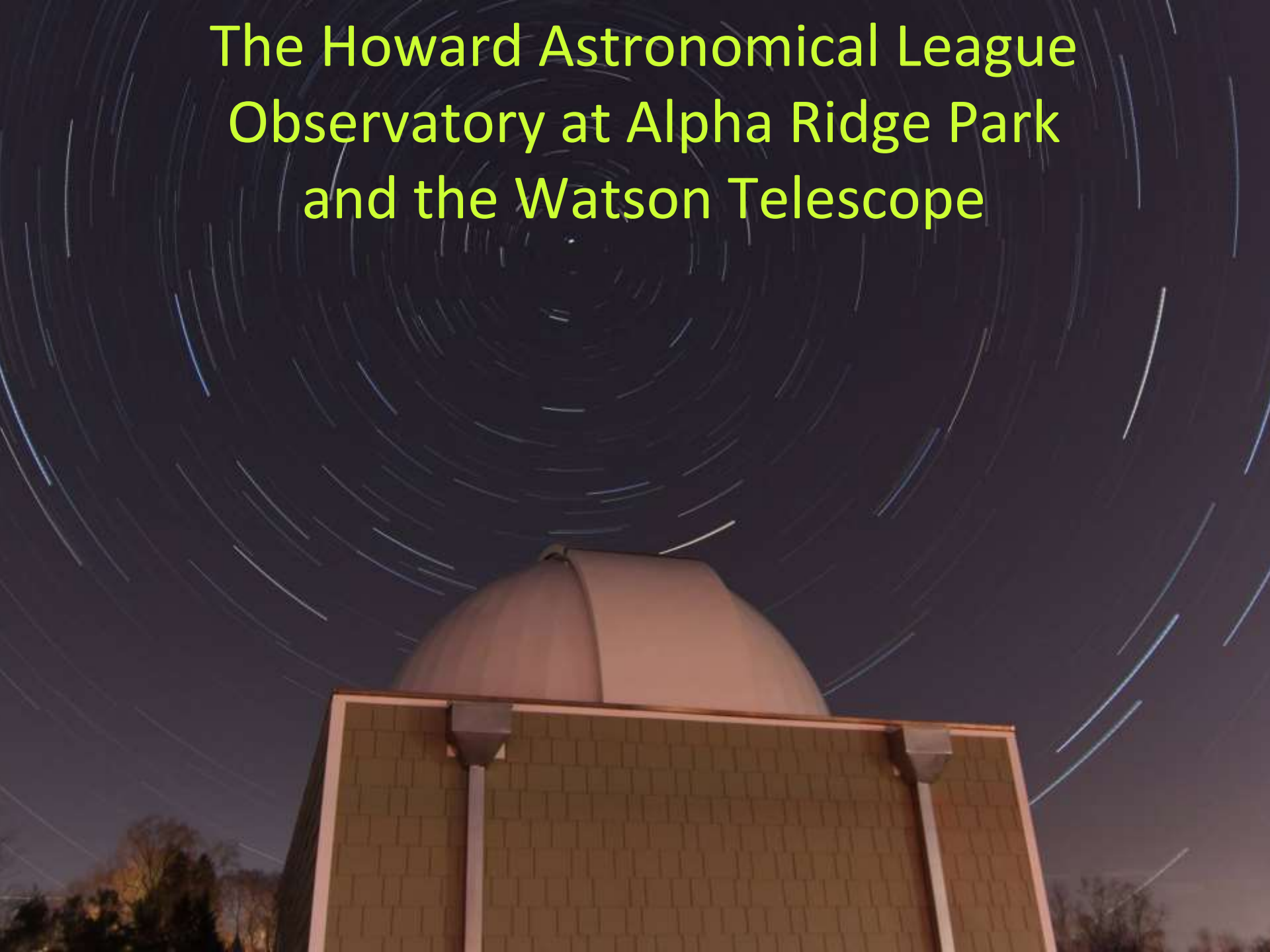


# The Howard Astronomical League Observatory at Alpha Ridge Park and the Watson Telescope







1987 – Paul S. Watson dies  
1988 – Friends of Baltimore Astronomical  
Society formed, receive Watson scope  
1999 – Howard Astronomical League  
founded, receive Watson scope and \$2,144  
in funds



MAGOTHY OBSERVATORY

LAT.  $39^{\circ}$  4' 50" NORTH

LONG.  $76^{\circ}$  30' 1" WEST

—  
 $5^{\circ}$  6" WEST OF GREENWICH











This superb telescope, complete as described, including choice of several colors, is now available at a total low cost of

**\$198.50** f.o.b. Pittsburgh, Pa.

**THE NEW**

*Electrically Driven*

**Celestar** 

by **fecker**

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OF ADVANCED DESIGN**

American made by Fecker—producers of professional astronomical instruments since 1882—the all-new electrically driven CELESTAR sets a new standard of quality. Designed and built to meet the requirements of the most exacting observer, this unsurpassed portable instrument will give years of trouble-free observing pleasure. The CELESTAR recaptures the true meaning of the words "Precision" and "Professional."

**SOME OF THE EXCITING CELESTAR FEATURES INCLUDE:**

- Electric clock drive operating on 110V, 60CY
- Brilliant hand corrected 1/4 wave 4 inch clear aperture optical system
- Slow motion adjustments in both axes
- Fork type equatorial mount
- Setting circles in both axes
- Achromatic 30 mm aperture finder telescope
- Rack and pinion focus adjustment
- Heavy duty tripod of extreme rigidity
- Coated optics throughout
- Adjustable mounts for both mirrors
- Adjustable latitude angle
- Metal tube
- Standard 1 1/4 inch O.D. eyepieces to give powers of 35X, 70X, 105X and 210X

Included with each CELESTAR, a heavy duty storage case and a copy of "New Handbook Of The Heavens" by Bernhard, Bennett and Rice

WHEN ORDERING  
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6592 HAMILTON AVENUE • PITTSBURGH 6, PA.



**ELESTAR**



*here's why a Celestar  
is your best  
telescope buy*

The performance of Celestar telescopes makes the study of astronomy even more interesting and exciting. You'll be able to see: double stars down to the theoretical limit of resolution; details in the belts of Jupiter; surface markings on Mars; the phases of Venus; the ring system of Saturn; fine surface detail on the moon; galactic nebulae and star clusters.

**UNEXCELLED OPTICS**

A telescope is only as good as its optics, and the optics in the Celestars are unexcelled. They are made by Fecker craftsmen who are long experienced in the manufacture of large observatory telescopes. The hand-corrected spherical and aspheric surfaces are accurate to 1/4 wave length. All of the mirrors are of the highest quality pyrex, aluminized, and quartz over-coated for surface protection. The refracting optics are coated with magnesium fluoride to minimize reflection. Celestars have resolving powers that equal or exceed theoretical limits.

**MANY PROFESSIONAL FEATURES**

Attractively styled, the Celestars are modern, precision instruments with many features generally had only on telescopes costing much more:

- Fork type, equatorial mounting; no counterweights to set.
- Sturdy, telescope tripod that will not wobble.
- Electric Drive for automatic tracking, effortless viewing.
- 30 mm clear aperture finder telescope.
- Setting Circles—Right Ascension and Declination—for ease in locating objects.
- Durable, aluminum tube; will not warp; maintains perfect collimation when once set.
- Slow motion adjustments for accurate settings.
- Rack and pinion focusing for fine adjustments.
- Easily portable. With an inverter, the electric drive can be operated from a car battery.

The Celestar-4 has a Newtonian optical system of 4 inches clear aperture. Its effective focal length is 35 inches. Two Ramsden eyepieces and a Barlow lens provide four magnifications: 35X, 70X, 105X, 210X. Complete price, only **\$198.50**

The Celestar-6 features a newly developed catadioptric optical system. Its effective focal length is 90 inches in a tube only 35 inches long. The reflector supports are so arranged as to eliminate spider diffraction completely. A Kellner and two orthoscopic eyepieces are furnished in a turret adapter, giving magnifications of 90X, 180X, 270X. Complete price, only **\$495.00**

A 35 mm Praktica reflex camera with a focal plane shutter and camera adapter is available for the Celestar-6 for an additional \$89.50.

All prices are f.o.b. Pittsburgh, Pa., and are subject to change without notice. Applicable state and local taxes are in addition.

**j. w. fecker inc.**

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2005.07.23 16:10



An observatory needs a dome







An observatory needs a home





Old Frederick Rd

Alpha Ridge Field 1

Alpha Ridge  
Community Park

























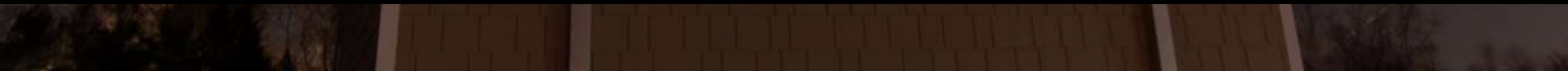










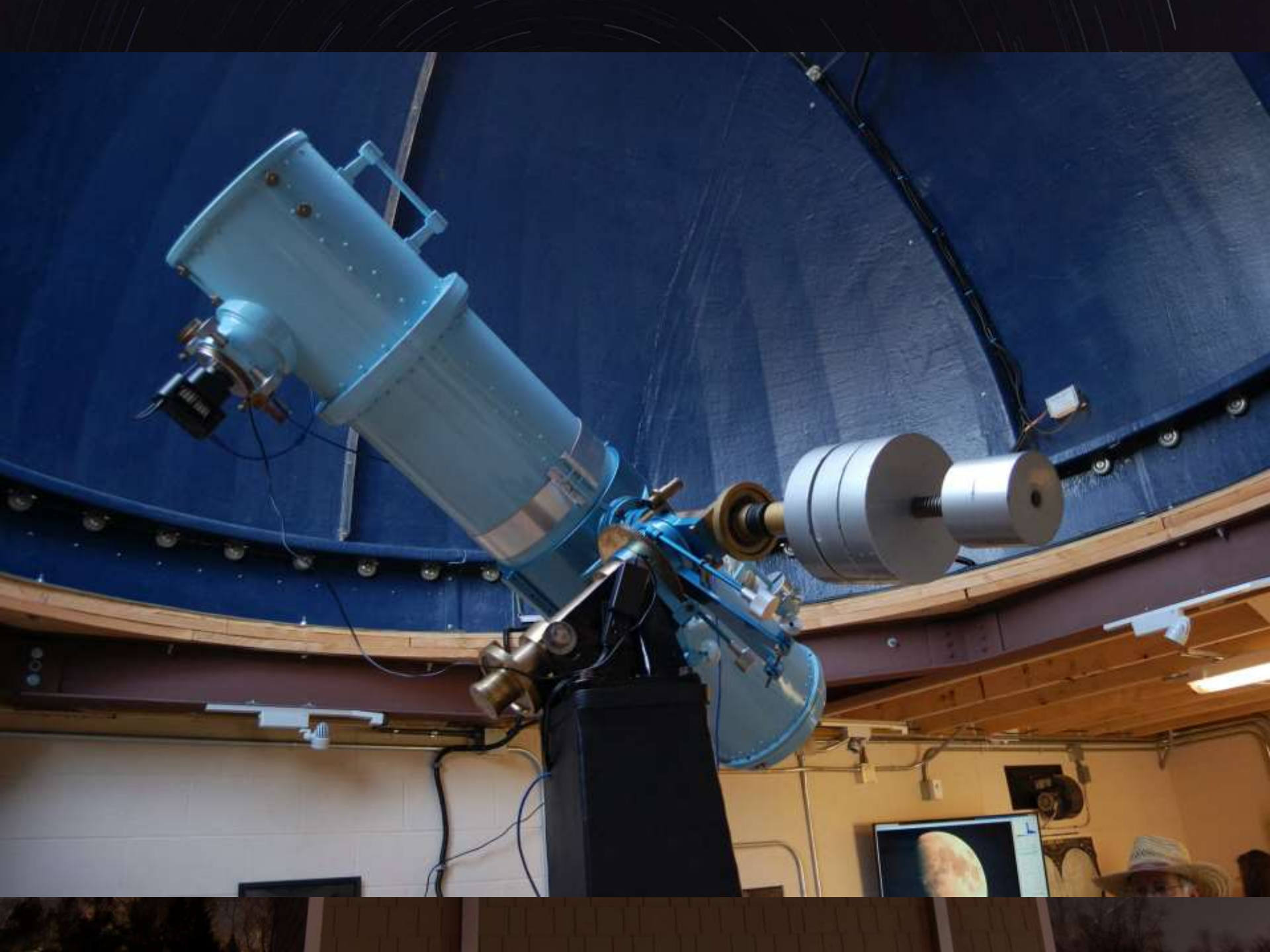


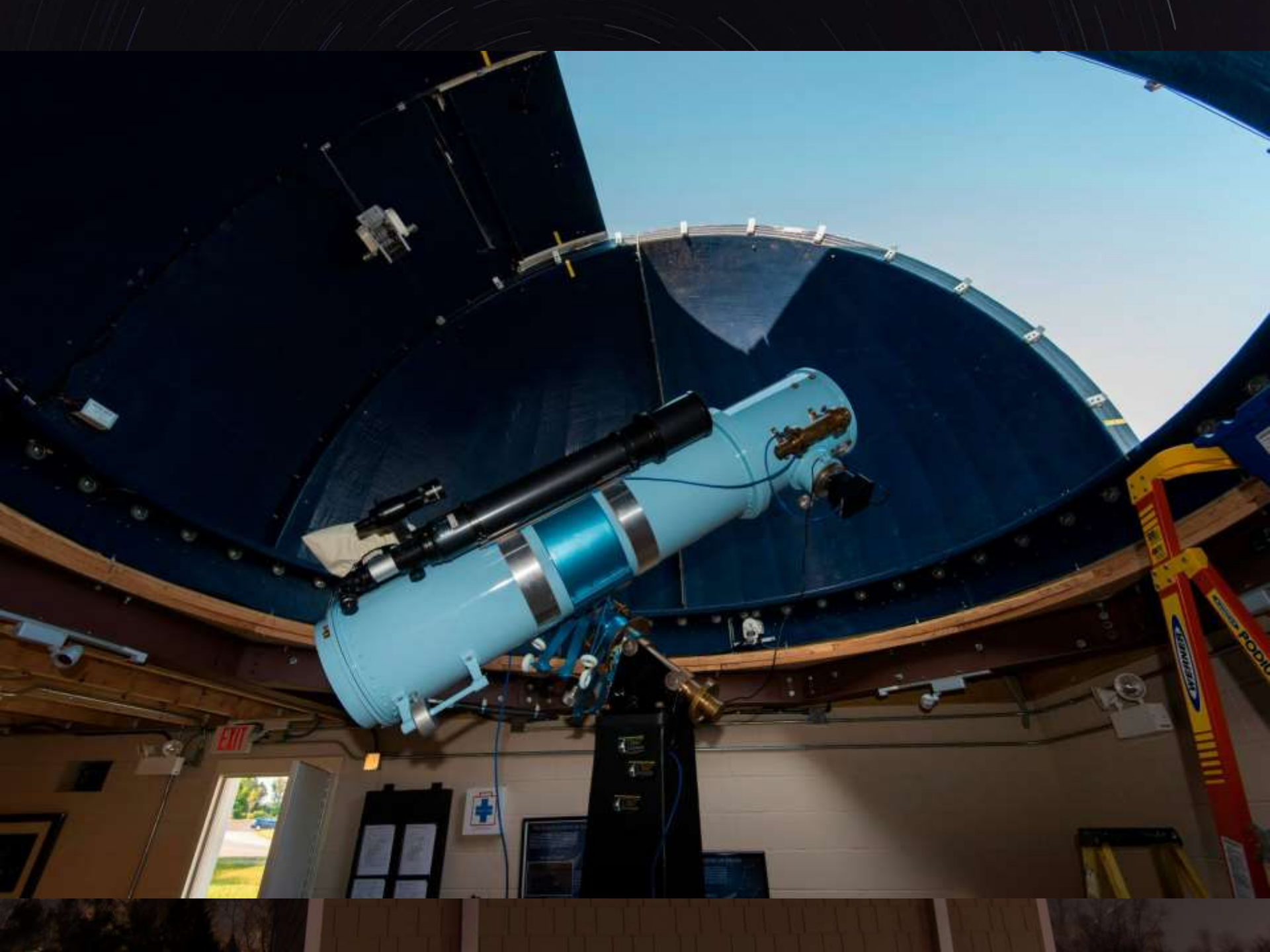
An observatory needs a Grand  
Opening Celebration!

























Thank You!

