

**BBC** THE TOP NIGHT-SKY SIGHTS TO SEE IN 2024



#224 JANUARY 2024

# Sky at Night

THE UK'S BEST-SELLING ASTRONOMY MAGAZINE

## Crash of the TITANS

Galaxy collisions wreak colossal carnage – so why does life in the Universe depend on them?

**COMET  
KUSHIDA**

When to get the best  
telescope views of  
this celestial  
visitor

**A BEGINNER'S GUIDE  
TO ASTRO CAMERAS**

**SPACE SCIENCE & CREWED  
MISSION LAUNCHES IN 2024**

**AMATEUR ASTRONOMER  
FINDS LOST SUPERNOVA**

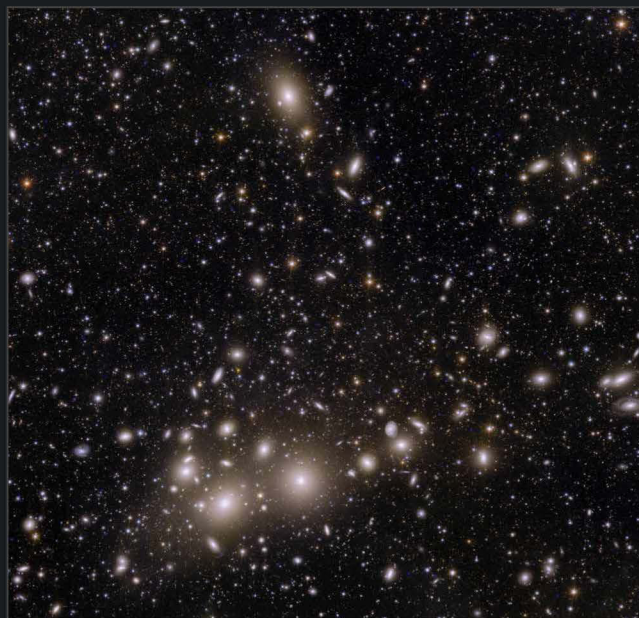
**THE DEMON STAR: THE MYTH  
OF ALGOL EXPLAINED**

**ASKAR'S 2-IN-1 IMAGING  
TELESCOPE TESTED**









# EUCLID ON THE BLOCK

Scientists are delighted by the first crisp, clear images from ESA's new space telescope

EUCLID, 7 NOVEMBER 2023

**I**n November, ESA scientists unveiled the first scientific images sent back by the Euclid mission. The five images included the shots seen here of the Horsehead Nebula (main image), spiral galaxy IC 342 (top left) and the Perseus galaxy cluster Abel 426 (top right).

Euclid aims to discover more about dark energy and dark matter. The telescope is designed to capture widefield images of vast regions of the night sky – as opposed to focusing on small, specific areas, as the James Webb Space Telescope does – at a higher resolution than was possible using previous survey telescopes, such as the ground-based VLT Survey Telescope.

Euclid launched from Cape Canaveral on the back of a Falcon 9 rocket on 1 July 2023 and arrived at the Sun–Earth Lagrange point L2, some 1.5 million kilometres beyond Earth's orbit, 30 days later. It will remain in halo orbit at L2 for at least six years.

**MORE ONLINE**

Explore a gallery of these and more stunning space images