



## Media Lario congratulates Blue Skies Space for the launch of the Mauve Space Telescope

Bosisio Parini, Italy, 1 December 2025 – Media Lario congratulates Blue Skies Space Ltd. for the launch of Mauve, the world's first private space telescope, on 28 November 2025, set to provide the astrophysical community with access to the first privately funded space-based astronomical telescope.

Mauve is a satellite produced by Blue Skies Space Ltd equipped with a high-performance telescope payload produced by Media Lario using our proprietary Repli-formed Optics™ process. The Mauve satellite will be available to astronomers worldwide in a collaborative program to observe the stars in our galaxy with a particular focus on their magnetic activity, powerful flares, and their impact on the habitability of neighbouring exoplanets. Mauve will operate in a low-Earth orbit and will provide scientists with thousands of observation hours each year via a scientific time-sharing programme, unlocking an unprecedented astronomical research opportunity.



*BSSL's MAUVE satellite ready for launch  
(Credits: C3S LLC/Blue Skies Space Ltd).*



*Media Lario telescope similar to the one which  
was uniquely designed for Mauve.*

Media Lario's telescope is an on-axis design with 130 mm aperture integrated in a lightweight aluminium architecture, resulting in a total mass of just 1.5 kilograms. The design leverages on the flight heritage of similar telescopes produced by Media Lario with high-specification optics tailored to the scientific application of Mauve. High performance optics are produced with our proprietary Repli-formed Optics™ technology, a paradigm shift in optics manufacturing whereby identical mirrors are produced on high-specification moulds ensuring consistent quality and very short production times - a few hours - compared to traditional techniques. The process is industrially scalable to many thousands of units per year ensuring high quality and repeatability with minimal metrology.

Jeff Lyons, CEO of Media Lario, said, "We are delighted that Blue Skies Space has adopted one of our high-specification telescopes with custom optics for the Mauve mission. This collaboration and the ingenuity of our combined teams created a unique design for this critical scientific mission in record time. The win-win collaboration allowed us to provide BSSL with a timely and cost-effective solution based on our proprietary Repli-formed Optics™ technology. We feel very privileged to be part of the Mauve mission and look forward to continuing to support Blue Skies Space Ltd as they expand access to space-based astronomic research."

Media Lario is located north of the industrial hub of Milan, Italy, in the region of Lake Como in Lombardia, an area rich with heritage and expertise in the precision optics and space industries.

For more information on Blue Skies Space Ltd and Mauve mission, please visit: <https://bssl.space/mauve/>  
For more information on Media Lario S.r.l., please visit: <http://www.medialario.com/>

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