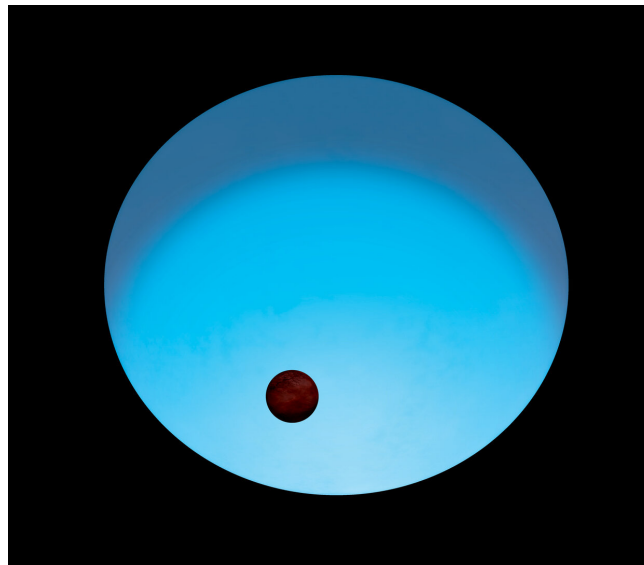


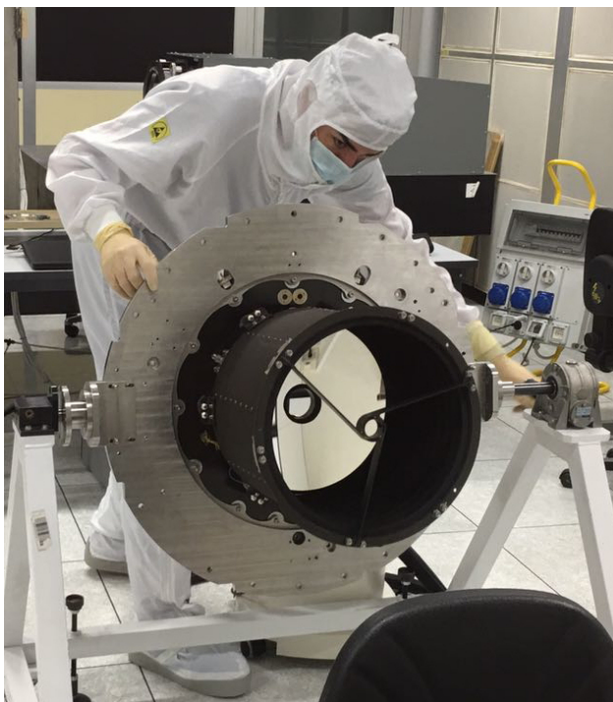
Media Lario S.r.l. congratulates ESA for the first exoplanet characterization made by CHEOPS Exoplanet Research mission

Bosisio Parini, Italy, 1 October 2020 – Media Lario S.r.l. congratulates the European Space Agency (ESA) for the successful characterization of the exoplanet WASP-189b, one of the hottest extra-solar planets known to date, using the Characterising ExOPlanet Satellite, or CHEOPS. ESA's latest Exoplanet Research mission, CHEOPS was launched into space in December 2019.

This new finding concerns a recently discovered planet known as WASP-189b, a giant gas planet orbiting so close to its host star that it is heated to more than 3200 °C. While these are uninhabitable conditions, the measurement confirms CHEOPS ability to provide new information about the Universe and in particular about exoplanets.



Artist impression of exoplanet WASP-189b and its host star (Credits: ESA)



CHEOPS Telescope optics (credits: LEONARDO S.p.A.)

Media Lario supplied the primary optical element of the CHEOPS telescope instrument, a 330 mm diameter high precision space qualified mirror. Media Lario has supplied critical optics and optical systems for numerous space telescopes for several decades.

Jeff Lyons, CEO of Media Lario, said, "We are so pleased about the accomplishment by the CHEOPS team and would like to thank ESA and the Italian Space Agency (ASI) for including us in this very important mission."

José Achache, Chairman of Media Lario, said, "I am each time more impressed by the team at Media Lario. Once again, the outstanding quality of our mirrors has made this beautiful scientific discovery possible. The search for earth-like planets in the Universe is one of the most exciting scientific explorations of our times and the idea that our high precision optics are a defining part of this adventure is truly breathtaking."

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

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For more information on the CHEOPS mission, please visit <https://sci.esa.int/web/cheops>

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