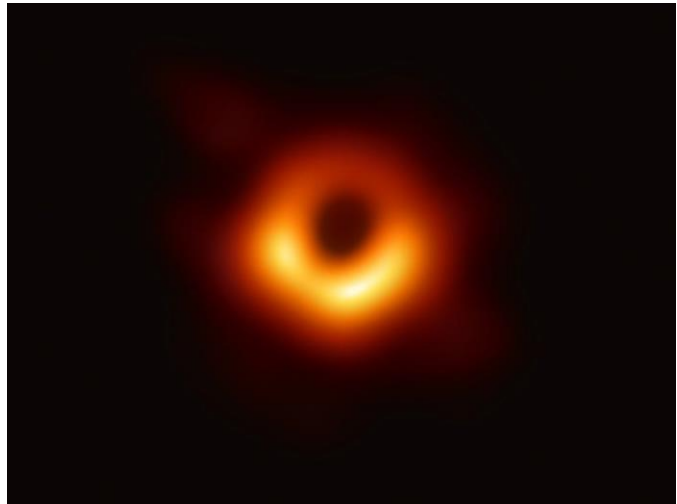


11 April 2019 – Media Lario’s technology used in the first image of a black hole

Bosisio Parini, Italy, 11 April 2019 – Media Lario S.r.l. congratulates the Event Horizon Telescope (EHT) team for the tremendous achievement of attaining the first image of a black hole as was announced yesterday in *The Astrophysical Journal Letters*.

José Achache, Chairman of Media Lario, commented, “The image is an unprecedented observation that unveils one of the most powerful phenomena of the Universe. I am particularly proud to say that Media Lario’s technology has been a key enabler of this great achievement and a great milestone for the company.”



First image of the black hole (credits: EHT collaboration)

The photo was obtained linking several ground-based radio telescopes and arrays. Media Lario is proud to have supplied the optics for several of the ground-based observatories including the ALMA array in Chile, the Large Millimeter Telescope (LMT) in Mexico and the IRAM 30-meter telescope in Spain.



Large Millimeter Telescope (LMT) (credits: INAOE, NYT)

Responding to congratulations, David Hughes, Director of the LMT telescope, commented, “Indeed yesterday’s announcement was a landmark, for science and humanity I think, and of course for all of us here at the LMT! But please don’t be so modest... Media Lario has made a huge contribution to the EHT through its successful surface panel technology for the LMT and ALMA projects. If any company deserves to place the M87 photo on its website, it’s Media Lario! Our best wishes to the team at Bosisio Parini!”

Media Lario manufactured light-weight Nickel laminated optics for these telescopes using our patented Repli-formed Optics™ process. Repli-formed Optics™ is a fast, replicable optical manufacturing process which results in high-specification optics which are extremely light, rigid and qualified for very harsh environments.

Jeff Lyons, CEO of Media Lario, commented, “Media Lario is proud of having supplied the optics to many of the telescopes and telescope arrays of the EHT. Our Repli-formed Optics™ process using plated Nickel was ideally suited to bring higher performance and sensitivity to the telescopes while reducing their weight and enhancing their operation. This amazing image is a wonderful result of our team’s hard work and the successful collaborations.”



ALMA radio telescopes observatory (credits: ESO)

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For more info about the EHT, please visit <https://eventhorizontelescope.org/>
For more info about Media Lario, please visit <http://www.medialario.com/>

