

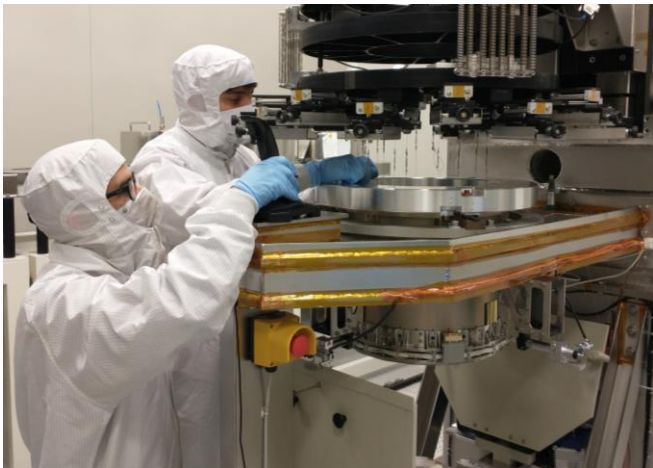
Media Lario congratulates CAS for the launch of Einstein Probe X-ray Space Telescope

Bosisio Parini, Italy, 19 January, 2024 – Media Lario congratulates the Chinese Academy of Sciences (CAS) for the launch of the Einstein Probe X-ray Space Telescope on January 9th, from the Xichang Satellite Launch Centre, China, with a Space X-Ray Telescope provided by Media Lario.

Einstein Probe will survey the sky and hunt for powerful blasts of X-ray light coming from mysterious celestial objects such as neutron stars and black holes, trying to reveal more about this violent and little-known side of the cosmos. Einstein Probe uses an X-ray detection technology similar to a lobster eye to first survey a wide field of view. New sources of X-ray energy or other interesting events are then targeted for high-precision follow-up observations with the more sensitive 'Follow-up X-ray Space Telescope' (FXT) built by Media Lario.



Long March-2C rocket with Einstein Probe telescope lifting-off from the Xichang Satellite Launch Center, China (credits: Qiu Lijun/Xinhua News).



Einstein Probe's FXT X-ray optics in integration in Media Lario

Einstein Probe is a collaboration of CAS, the European Space Agency (ESA) and the Max Planck Institute for Extra-terrestrial Physics (MPE) in Germany. Media Lario coordinated with ESA, the commercial partner, in collaboration with MPE to supply the FXT. Media Lario used its patented Repli-formed Optics™ process to realize the complex FXT optical system which included multiple precision mirrors nested tightly together to form a high-performance X-ray optical system. Media Lario has a long heritage of manufacturing optical systems for X-Ray Space Telescopes including the SWIFT (NASA), XMM-Newton (ESA) and eROSITA (MPE) missions.

Jeff Lyons, CEO of Media Lario, said, "We sincerely congratulate the Chinese Academy of Sciences for the successful launch of the Einstein Probe. We are also grateful to our commercial partners, ESA and MPE, for working with the team here at Media Lario for the supply of the high performance FXT X-Ray Telescope."

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 opto-mechanical industry.

For more information on the launch of the Einstein Probe telescope, please visit:

<https://english.news.cn/20240109/073ae3533ea24e0f88cd42a7f971d4d2/c.html>

https://www.esa.int/Science_Exploration/Space_Science/Innovative_X-ray_lobster-eye_mission_set_to_launch

For more information on Media Lario S.r.l., please visit: <http://www.medialario.com/>

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