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First light of the Einstein Probe mission

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The launch of the Einstein Probe mission in January 2024 has marked a significant leap forward in the exploration of the transient X-ray Universe. Led by the Chinese Academy of Sciences and in collaboration with the European Space Agency, the Max Planck Institute for Extraterrestrial Physics and the French space agency, the mission consists of two instruments: the Wide-field X-ray Telescope, equipped with cutting-edge lobster-eye Micro-Pore Optics, ideal for detecting new transient phenomena; and the Follow-up X-ray Telescope, designed for sensitive follow-up observations of newly discovered transients. To maximize the scientific output of the mission, the Einstein Probe consortium has been structured in six independent science topical panels. In this talk, I will highlight our active involvement in the consortium, particularly our activities related to the panel focused on Compact Stellar Objects. I will outline insights into our ongoing and upcoming initiatives, from target preparation for performance verification observations to submissions of observing proposals and the development of state-of-the-art pipelines to systematically characterise the X-ray spectral and timing properties of newly discovered transients.

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