www.isdc.unige.ch/loft

esa

LOFT

LARGE OBSERVATORY FOR X-RAY TIMING

a candidate ESA Cosmic Vision M3 mission

PROBING PHYSICS AT THE EXTREME

LOFT – Large Observatory For x-ray Timing – will revolutionise the study of black holes, white dwarfs and neutron stars in our galaxy and of supermassive black holes in active galactic nuclei.

A ground-breaking combination of 10 m^2 collecting area and 250 eV spectral resolution will give access to the physics of matter at the most extreme densities and in the strongest gravitational fields.