

Abstract

The LISA science group (LSG) is responsible for delivering the science promised to ESA upon the adoption of the LISA mission in 2017 as L3 mission. I am co-leading the LSG and I will report on our science activities within the consortium as well as on LISA science highlights in general. LISA has a wide range of science goals from Local Group double white dwarfs to cosmological stochastic background, passing over extreme mass ratio inspirals and supermassive black hole binaries through the entire Universe. I will select highlights in (almost) each category.