

Extreme Objects Working Group

(Draft) Mission Statement

Scope: Conducting and leveraging the multi-messenger observations of extreme objects (EO) to probe the physics and populations of compact objects and high energy explosions using state-of-the-art theoretical and numerical modelling.

How: Identify the missing pieces of physics. Increase collaboration between instrumentalists, observational and theoretical scientists. Develop, grow and sustain a community with unique breadth in knowledge and expertise on EO evolution, while training and supporting early career researchers in the field. Connect the studies from the earliest moments of stellar collapse to the emission of the last detectable radiation into a coherent whole.

