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Extreme Universe through the eyes of MASTER Robots

Tuesday, 13 June 2023 11:00 (30 minutes)

The Extreme Universe is the most powerful and fastest explosions in the Universe associated with the formation and transformation of relativistic stars.

For localization of gravitational-wave, neutrino and gamma-ray events, first of all, optical instruments of the 21st century are needed, which have outstanding technical characteristics: fast response, full robotization and high angular resolution. For example, the optical localization of these objects reduces the error box of neutrino, gamma and gravitational wave events by billion of times.

The latest results of the MASTER Global Robotic Network of Optical Robotic Telescopes are presented.

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