

Primordial Black holes today and near redshift 10

Alexander Dolgov

Lab. Cosmology and Particle Physics
Novosibirsk State University and ITEP
Russia

Recent astronomical observations indicated significant population of black holes in contemporary and early (at $z \sim 10$) universe. These data are in strong tension with the canonical cosmology.

In the talk a review of the relevant data is presented and the old model of primordial black hole creations described which potentially eliminate inconsistency of the observation and theory.