

Séminaire Général de Physique

The universe and its structures: big questions and the future

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Amphi PGG, vendredi 19 janvier 2018, 10h
(café-croissants à partir de 9h40)

We will review the important questions in understanding the Universe and its large-scale structures, galaxies and galaxy clusters. Recent results point to a key epoch in structure formation that we are just beginning to explore with ground- and space-based telescopes in the optical, infrared and radio. Future ground- and space-based missions, such as the James Webb Space Telescope, LSST and Euclid, will open new windows of understanding on galaxy formation and evolution, and on the assembly of the first large-scale structures. We will discuss the potential of these surveys and our role in their exploitation.

