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The Evolution of Galaxies from very deep Near-IR imaging

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Abstract We discuss the results of our FIRE survey, which is based on very deep Near-Infrared imaging taken with the VLT. We show that the Near-Infrared photometry can be used to identify a significant population of galaxies, which is complementary to the well-known Lyman-break galaxies. We have derived the evolution of the integrated colors of galaxies, and the stellar mass density distribution.