

Título/Title:

Using Hubble Space Telescope imaging to the full

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Descrição/Description:

The Hubble Space Telescope (HST) has been the best astronomical tool during the last 25 years, and his legacy will last beyond the James Webb Space Telescope, and this one is incapable to detect ultraviolet and blue radiation. However, HST deep imaging has not been seized up to its limit, because scientists looking for high redshift galaxies have forgotten about the wealth of information hidden in the few very extended low redshift galaxies in the premium extragalactic surveys. They took them as contaminations, and as such they have been removed. The student undertaking this project will re-reduced raw HST images (the real ones!) in under to unveil the previously unnoticed stellar structures that only HST is able (and will be able) to see.