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Propositions

accompanying the PhD thesis

Early death of massive galaxies in the distant universe

1. Quiescent galaxies have existed for at least 11 billion years (Chapter 2).
2. The observed ultraviolet star-formation rates of galaxies at redshifts higher than four are not sufficient to form a massive quiescent galaxy at a redshift equal to four (Chapter 3).
3. Quiescent galaxies at a redshift equal to four are on average very compact (Chapter 4).
4. The Tully-Fisher relation for star-forming galaxies has evolved in the last eleven billion years (Chapter 5).
5. There is not a single obvious path of galaxy evolution.
6. We do not have a complete census of all kinds of galaxies yet.
7. Funding weight should be shifted towards creating more senior positions.
8. An advanced level of understanding of several fields is more valuable than expert understanding of one field.
9. Despite large collaborations, astronomers spend too many hours doing research on their own.
10. Humanity should strive to give everyone at least ten thousand hours of unbiased and free education above primary school level.
11. A key element of successful immigrant integration is the effort made by society.

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