

Black Holes

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Black Holes and its role in the evolution of the galaxies

The existence of Black Holes and it relationship to the existence of Galaxies have always been a interesting concept to scientist.

Methods & Findings

Research process consists of articles of data online. Scientists discovered Supermassive black holes has a connection called M- Sigma relation that connects them to their host Galaxies. The Milky Way occupies a galactic sweet spot, with a black hole that appears to act out just often enough to stir things up and keep the galaxy's stellar population at a perfect simmer.

Images/Charts



Astronomers Discover LB-1 Stellar Black Hole That Shouldn't Even

Exist in the Milky Way Galaxy. (2019, November 30). TechEBlog.

https://www.techeblog.com/lb1-stellar-black-hole-milky-way-galaxy/

Supporting Evidence/Theories

According to an article "By looking at black holes, we can learn something about the evolution of galaxies and especially about the evolution of dwarf galaxies," and perhaps even about the beginning of the universe, Zaw explained.

"These galaxies should act more like the galaxies that were present earlier in the universe closer to the Big Bang."

Analysis/Limitations

Our findings help us understand why black holes are important, they show us how galaxies evolve over time and help scientist the world outside of our planet.

Images/Charts



Darsh. (2017, February 15). Researchers Find Evidence Of
Intermediate-Mass Black Hole, Universe's Greatest Mystery
Finally Solved. MobiPicker.

https://www.mobipicker.com/researchers-find-evidence-inte
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y-solved/

Implications

The relevance of these findings show that Black holes indeed help shape galaxies and keep a balance. It proves that galaxies and black holes have a relationship with one another that take us back millions of years ago t to where we are today. Even though the relationship is a complex one, the Milky Way Galaxy's Black hole continues to make contribution that benefits the galaxy.

References

Dhabi, N. A. (2019, April 17). Why are Space Scientists so Interested in Black Holes? New York University Abu Dhabi.

https://nyuad.nyu.edu/en/news/latest-news/science-and-techn ology/2019/april/why-are-space-scientists-so-interested-in-bl

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