ESOcast Light 268

[Visual starts]

New ESOcast intro

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Title:
Stellar disc discovered in another galaxy!

1. Using ALMA, astronomers have found a disc around a young star in the Large Magellanic Cloud, our galactic neighbour.

2. It's the first time such a disc, identical to those forming planets in our own Milky Way, has ever been found outside our galaxy.
3. The new observations reveal a massive star, *growing and accreting matter* from its surroundings, forming a *rotating disc*.

4. “When I first saw evidence for a rotating structure in the ALMA data I could not believe that we had detected the first extragalactic accretion disc, it was a special moment.” Anna McLeod, Durham University, UK

[Outro]

Produced by ESO, the European Southern Observatory.
*Reaching new heights in Astronomy.*

[Thumbnail]

Also interesting:

- Revolutionary ALMA Image Reveals Planetary Genesis
  [https://www.youtube.com/watch?v=528BOGuuzik](https://www.youtube.com/watch?v=528BOGuuzik)

- Largest Molecule yet Spotted in a Planet-forming Disc
  [https://www.youtube.com/watch?v=uxMaFRxVLPY](https://www.youtube.com/watch?v=uxMaFRxVLPY)