

El Universo en palabras

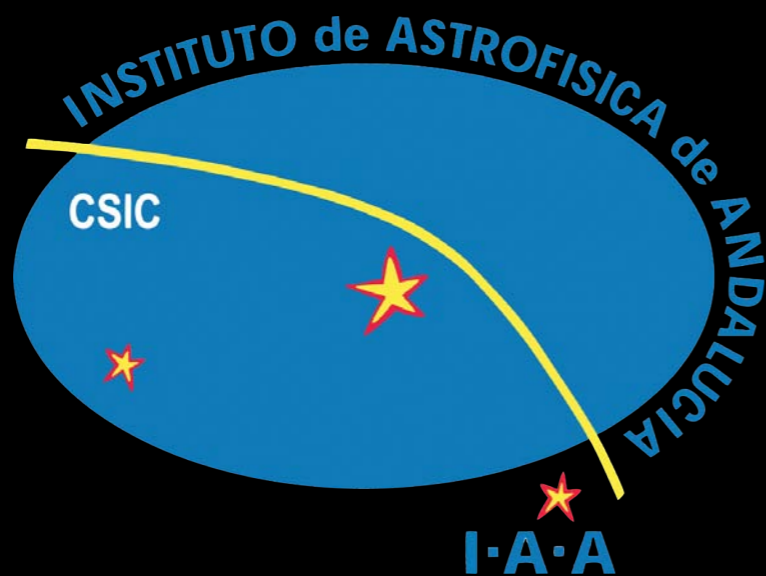


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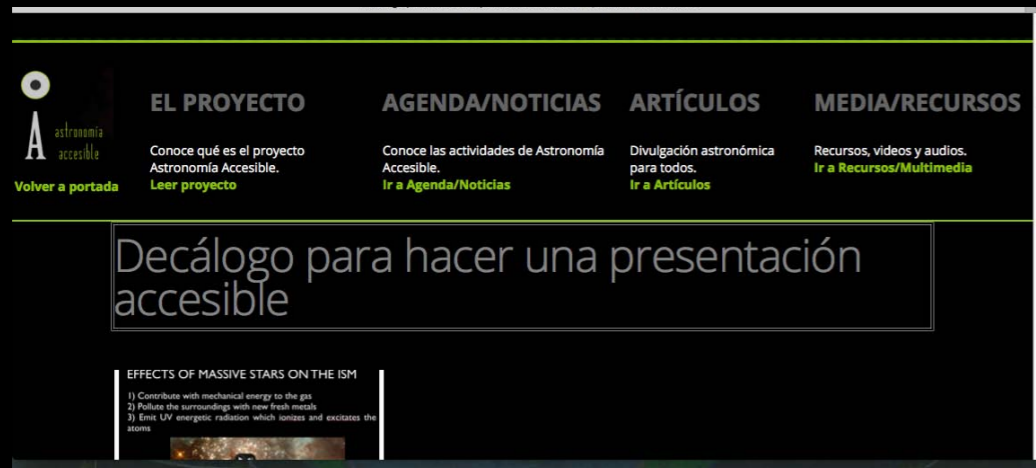
astronomía
accesible



Audiodescription as an inclusive resource in Astroaccesible



Outreach activities within Astroaccesible



<http://astroaccesible.iaa.es>

- **Astroaccesible** is an outreach project from IAA-CSIC aiming at the teaching of astronomy among all kind of impaired people, by means of in-person activities using tactile and sonic resources. We have also explored the use of audiodescription.

The basics of audiodescription

Audio-description aims at a complete explanation of the different components in an audiovisual production or in an image and their context and meaning.

It is usually employed as an inclusive resource for the description of movies, paintings, sculptures, photographs or other form of art.

- **The advantages of using audiodescription are beyond doubt as it implies universal accessibility and social inclusion of impaired people, but also helps to all people to interpret and understand the different elements shown in any visual content.**
- **Its application in science is still limited, but its potential use in an astronomical context for both research and educational purposes is huge.**

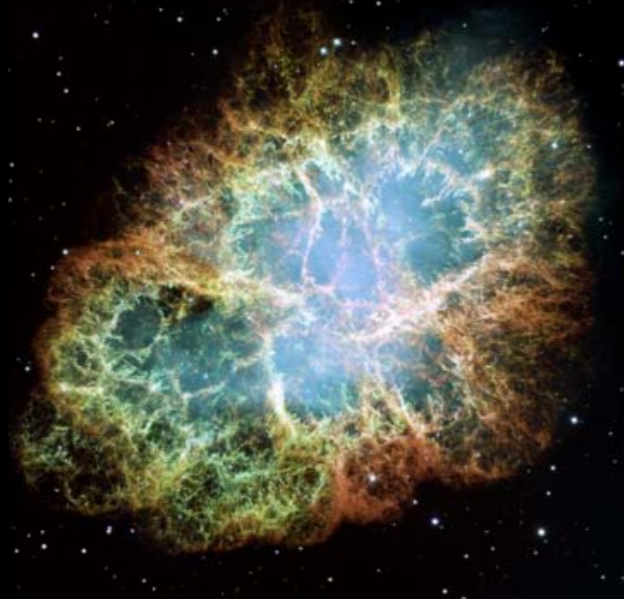


What's “El universo en palabras”?



- **It is a series of audio described videos released in YouTube made in collaboration with the university of Granada, following the same methodology used for the audiodescription of artistic works, but supervised by astronomers.**
The program is focused so far on objects of the Messier catalogue, but it will very soon also cover other objects with or without a touchable counterpart.

Links to published cases



M1, the Crab Nebula



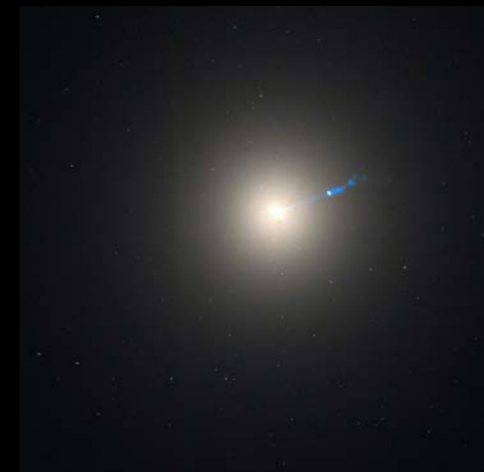
M13, the Hercules cluster



M16, the Eagle nebula



M51, the Whirlpool galaxy



M87, the Virgo A galaxy

Impact on the media



Espacio diario cupón ONCE en TVE (29/05/2021) estrellas en el observatorio de Cerro Paranal, en Chile

M16: LA NEBULOSA DEL ÁGUILA

