



## Spicing up stars and planets: a project giving life to Astrophysics

**LOCATION:** Granada

**DURATION:** 1'43"

**SUMMARY:** Faced with the difficulty of explaining different scientific topics with words or images, researchers from the Andalusian Astrophysics Institute have opted for animation. To do that, they have teamed up with professors from the Granada Faculty of Fine Arts and with animation professionals.

### VTR:

How to explain a photon's journey from the Sun to Earth, or what it's like on Mars... The Andalusia Astrophysics Institute felt that animation could be the best method and that's how the project 'Spicing up stars and planets' began.

### Background

*"Are you sick of Earth? We have a solution for you and your family. Mars. Yes. Red is the new blue."*

**Silbia López de Lacalle**  
**IAA Press Director**

*"Many concepts in astrophysics turn out to be very hard to explain with words or in interviews. Whereas animation is something really rich and powerful, because you can more or less illustrate whatever you want."*

Scientists from the Institute, in contact with professors from the Granada Faculty of Fine Arts and with animation and design professionals are giving life to this scientific exposure project.

**Ignacio Belda**  
**University of Granada Fine Arts**  
**Professor**

*"In the case of science I think it makes it very accessible, because it gets rid of a lot of the information that someone who's an expert is going to know, but for its teaching it's more straightforward, more direct, I think it's the perfect tool."*

How galaxies are formed and what makes them so, or a coming together to learn about the different stars are also some of the themes this project deals with. For each concept a different language has been used.

**Emilio José García**  
**Member of IAA Scientific Culture**  
**Unit**

*"We've toyed with comics to deal with a photon's journey from the Sun to Earth, a minimalist style to talk about a project named Carmenes."*

**Pablo Cano**  
**Animator**

*"We had to synthesise it a lot, particularly so that anyone could understand it."*

**Raúl Campos**  
**University of Granada Fine Arts**  
**Professor**

*"Leading the viewer to the terms you want them to learn about at all times."*

Together they have created a different method of sharing science.

### Background

*"A proton and a neutron have met. They embraced each other, tightly. And so started, a deuterium core."*

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