



Técnicas avanzadas de modelado 3d y realidad virtual



Modelos 3D



UNIVERSIDAD DE BURGOS



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Master en Comunicación y Desarrollo Multimedia



Sesión 2

Master en Comunicación y diseño multimedia


Laboratorio de **Impresión 3D**

Escuela Politecnica Superior Edificio A1
Avda. de Cantabria



UNIVERSIDAD DE BURGOS

Thingiverse DASHBOARD EXPLORE EDUCATION CREATE SIGN IN / JOIN



Thingiverse Featured

JULIUS CAESAR PEN HOLDER

Add some drama to your desk with [this design](#) by [derailed](#).

Don't forget to upload a photo of your make and tag Thingiverse on Twitter and Instagram!








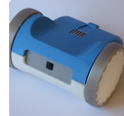
Global Feed

Latest Thingiverse Activity

- miloudo liked Low Poly Fantasy Tabletop - Allianc...
- stenglprinter collected Raspberry Pi Zero W Securi...
- zvezdoff collected Cellular Lamp
- tekgodcms liked Luna Caterpillar
- todofmm started following HassoPlattnerInstitute_H...
- zvezdoff liked Cellular Lamp

Featured Collections

Download and print today [see more >](#)

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|  BOW 3/18-3/24 |  BOW 3/11-3/17 |  St. Patrick's Day |  StPatricksDay |
|  St Paddy's |  ForDr.Hawking |  PiDay!! |  PI/PI/PIE |



Thingiverse Featured

ARTICULATED BUTTERFLY

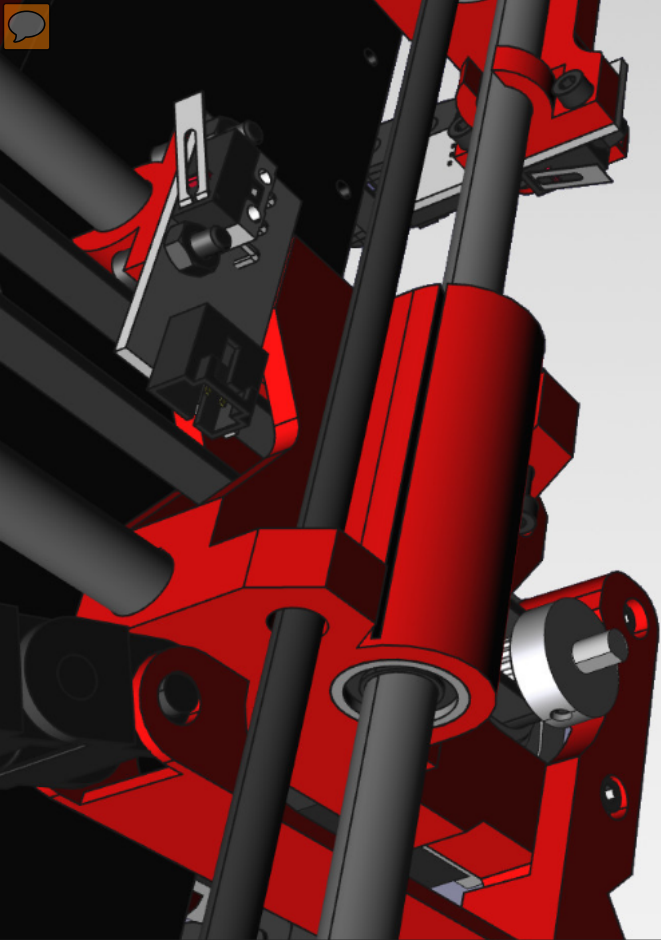
This design by [8ran](#) has sent printers a-flutter with 28 makes in just 21 days. [Print one](#) today!

Don't forget to upload a photo of your make and tag Thingiverse on Twitter and Instagram!



Thingiverse





OVERVIEW

FreeCAD is a parametric 3D modeler made primarily to design real-life objects of any size. **Parametric modeling** allows you to easily modify your design by going back into your model history and changing its parameters. FreeCAD is open-source and highly customizable, scriptable and extensible.

FEATURES

FreeCAD is multiplatform (Windows, Mac and Linux), and reads and writes many open file formats such as STEP, IGES, STL, SVG, DXF, OBJ, IFC, DAE and many others.

SCREENSHOTS

[Read more...](#)

DOWNLOAD

Who is FreeCAD for? A couple of user cases:

GETTING STARTED

The **home user/hobbyist**. Got yourself a project you want to build, have built, or 3D printed? Model it in FreeCAD. No previous CAD experience required. Our community will help you get the hang of it quickly!

USERS SHOWCASE

GET HELP

The **experienced CAD user**. If you use commercial CAD or BIM modeling software at work, you will find similar tools and workflow among the many **workbenches** of FreeCAD.

HELP FREECAD

The **programmer**. Almost all of FreeCAD's functionality is accessible to **Python**. You can easily extend FreeCAD's functionality, automatize it with scripts, build your own modules or even embed FreeCAD in your own application.

The **educator**. Teach your students a free software with no worry about license purchase. They can install the same version at home and continue using it after leaving school.



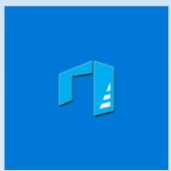
Diseños Propios

Freecad

<https://www.freecadweb.org/>

Manual: <https://www.freecadweb.org/wiki/Manual:Introduction>

Curso: <http://diwo.bq.com/course/curso-de-introduccion-a-freecad>



3D Builder

El desarrollador considera que el producto cumple los requisitos de accesibilidad, lo que facilita su uso por parte de todos los usuarios.
Microsoft Corporation
★★★★★ 173



PEGI 3
Más

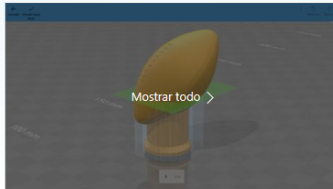
Gratis

Obtener la aplicación >

Esta aplicación no funciona en tu dispositivo.
Es posible que se necesite determinado hardware. Consulta [Requisitos del sistema](#) para obtener más información.

Capturas de pantalla

PC >



Descripción

Ver, capturar, personalizar e imprimir modelos 3D con 3D Builder.

Descargar diferentes tipos de archivos 3D y editarlos con el espacio de modelado 3D. Sacar una foto con la cámara web y transformarla en 3D. Personalizar archivos 3D grabando en relieve tu nombre o combinando modelos y partes para hacer algo nuevo. Compilar desde cero usando formas simples.
[Más](#)

Disponible en



Xbox One



HoloLens

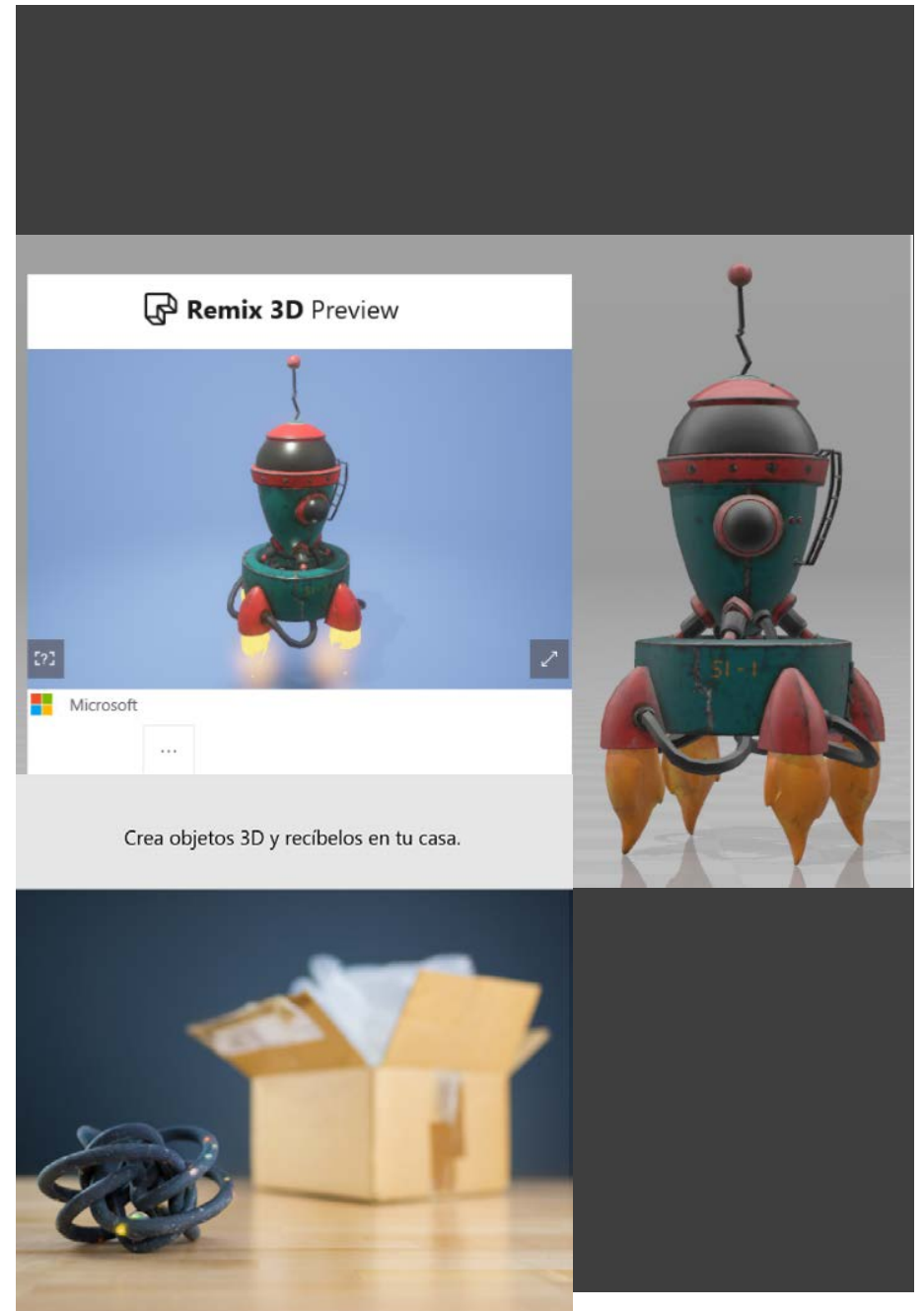


PC



Dispositivo móvil

3D builder / microsoft



<https://www.sketchup.com/es>

The image shows a screenshot of the SketchUp website's 3D Warehouse interface in Spanish. At the top, there is a dark navigation bar with the SketchUp logo on the left and menu items: "Nuestros productos", "Todo el mundo...", "Comprar", "Aprender", and "Obtén SketchUp" (highlighted in red). Below the navigation bar, the main content area features a large heading "Busca un modelo en 3D de cualquier cosa" (Search for a 3D model of anything). Underneath is a paragraph of text explaining the service: "¿Por qué modelar todo desde cero? Ya sea una silla para la habitación que estás diseñando o un rinoceronte para tu zoológico, encontrarás casi todo lo que necesitas en 3D Warehouse, el almacén más grande del mundo de modelos 3D gratis. Cualquiera puede usar la galería 3D para guardar y compartir modelos. Sube tus mejores obras y conviértete en una leyenda de SketchUp." Below the text is a search bar with the placeholder "Encuentra modelos en 3D..." and a red search icon. To the right, a browser window displays the 3D Warehouse website. The browser's address bar shows "https://3dwarehouse.sketchup.com/". The website header includes the "3D Warehouse" logo and a search bar. The main content area shows a grid of 3D models: a wooden "Breakout Table" by Opendesk, a green "HUSK-SOFA 2B&B Italia" by Adam Khamdho, and a "Sitting room" by Arch M. Below the models are logos for "cattelan italia", "CASALGRANDE PADANA Fine your way", "teknion", "TRUSTILE", "NanaWall", and "OFS BRA". At the bottom, there are three more 3D models: a tall green tower, a blue skyscraper, and a modern building with a glass facade.

http://87.98.230.170/



Marketplace

Subir + Imprimir

Descargables

Buscar



Entrar

Registrarse

Arte

DIY

Gadgets

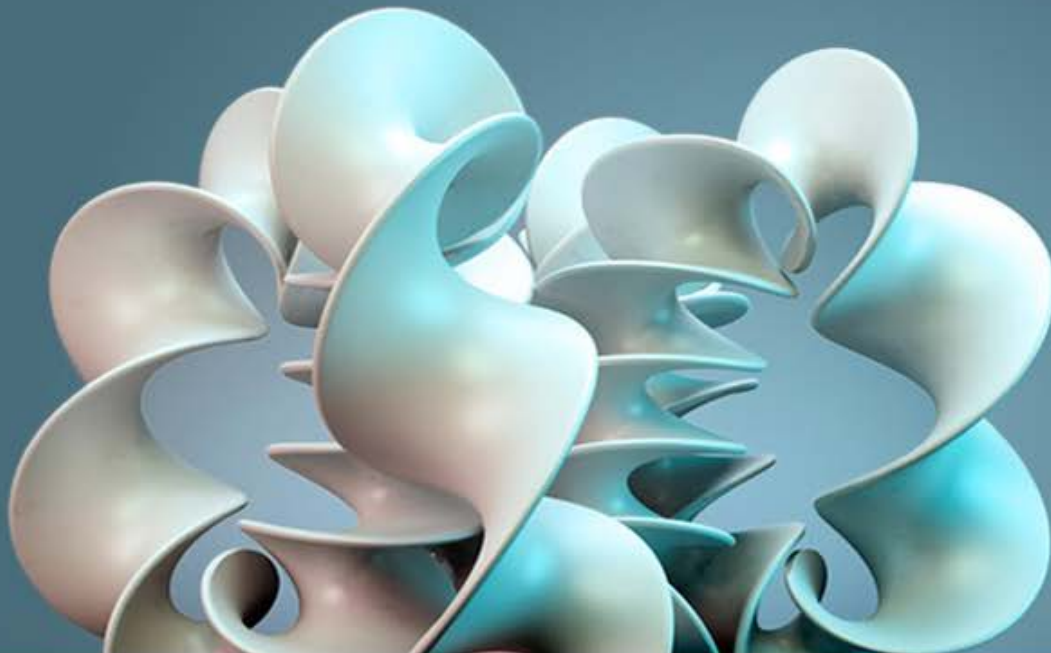
Hogar

Joyería

Juegos

Miniaturas

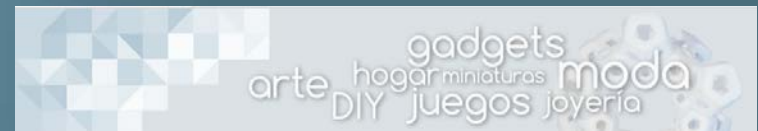
Moda



PHYGORA

Plataforma para el Arte

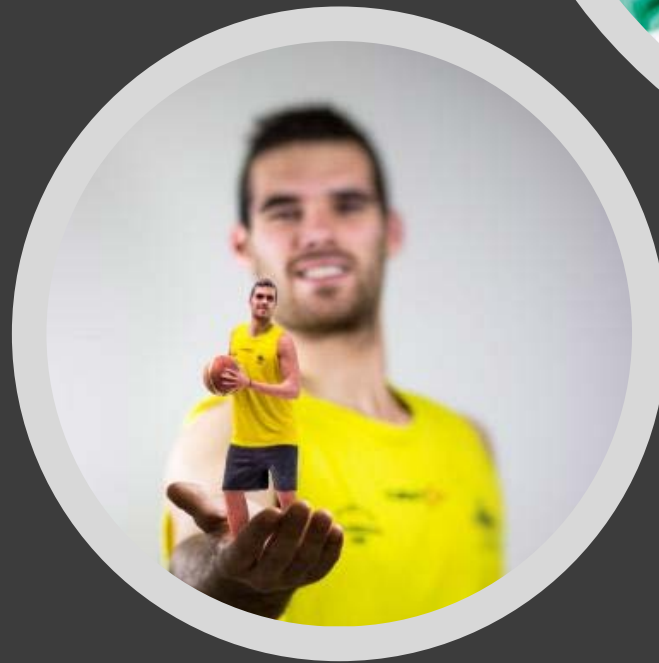
En phygora podrás exponer al público tu obra artística. Vende tus creaciones y saca rendimiento a tus creaciones



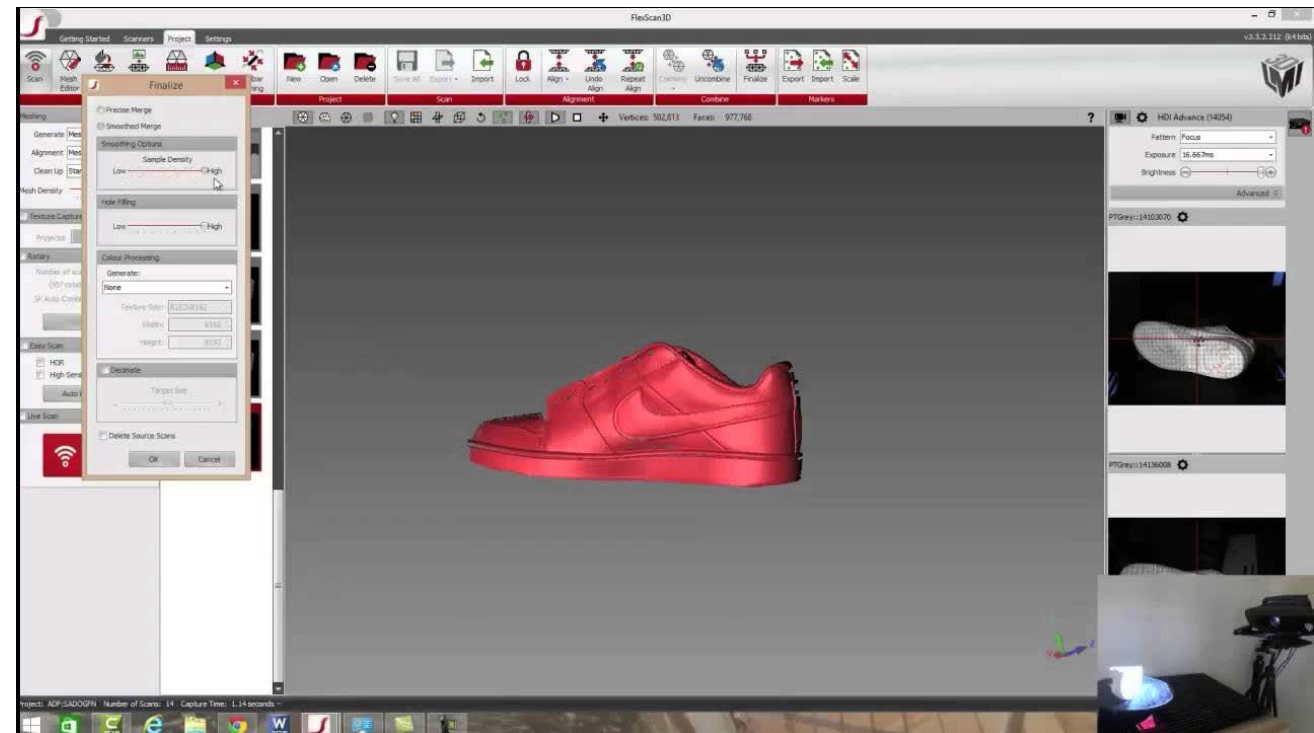
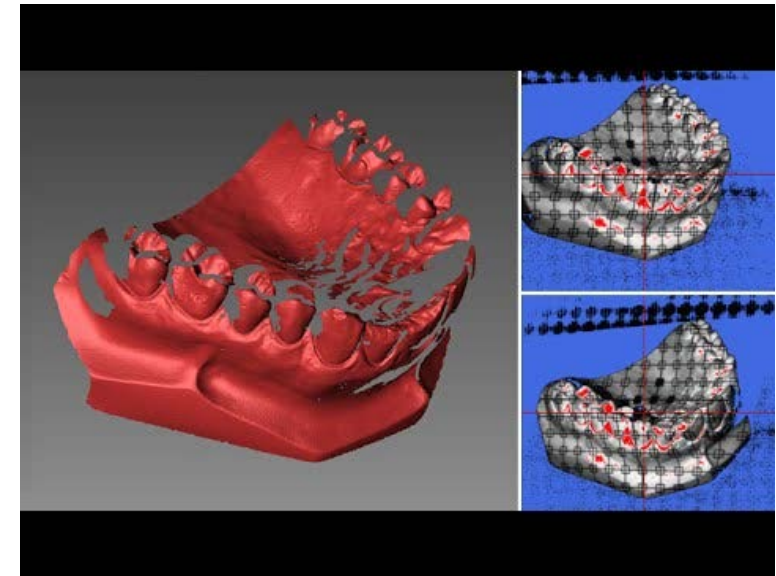
NOVEDAD

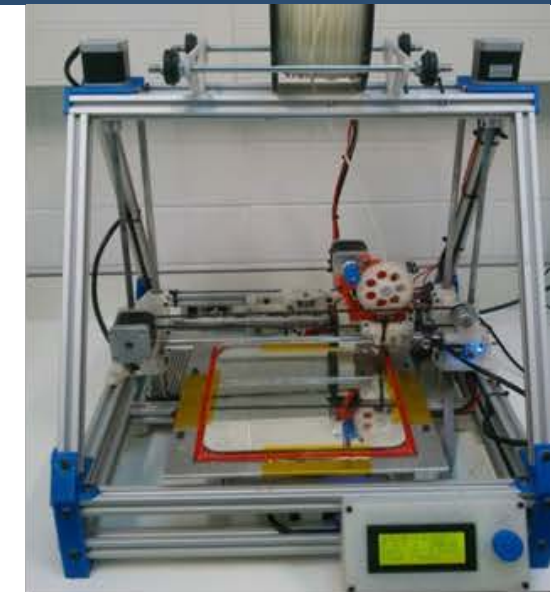
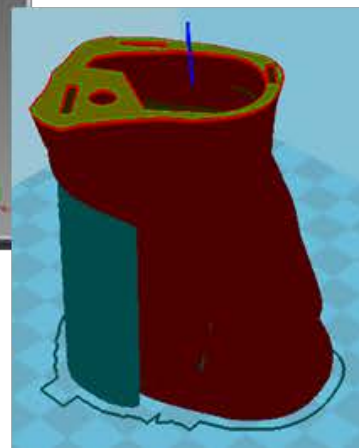
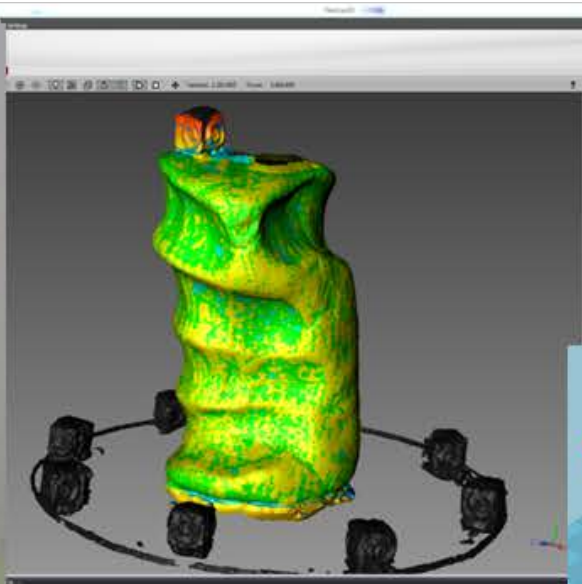


Siempre queda el
Scaneo...



FlexScan3D





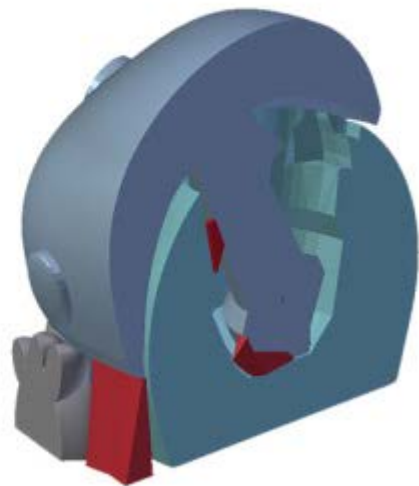
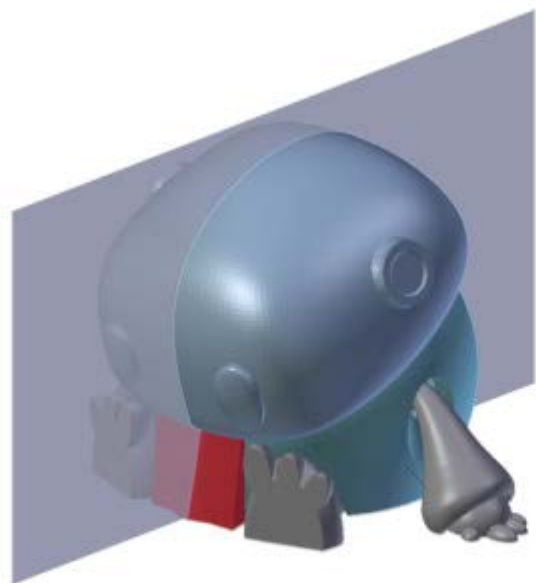
¿Cómo?



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Modelando Figuras con movimientos

- Wip, un pequeño robot articulado



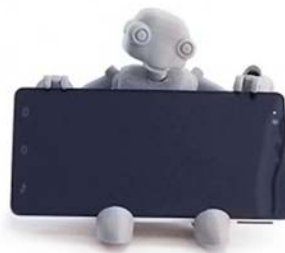
Sonia Verdú



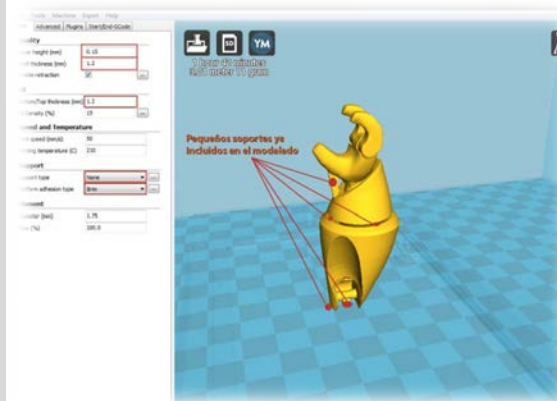
<http://www.3dupndown.com/>



Sonia Verdu
Shira Spain



BeQui:
printdoll



Haciendo posible una tecnología más humana



DINper
~



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Profesor de la Universidad de Burgos, Escuela Politécnica Superior

Grupo de Innovación Docente en Enseñanzas técnicas

Grupo de Investigación **DINper** Diseño Inclusivo personalizado

