

3D technology to hack into Sevillian heritage and make it accessible to the blind

LOCATION: Seville

DURATION: 1'32"

SUMMARY: At the FabLab in Seville, they are working on the digitalisation and virtualisation of the city's sculptures and historic spaces to facilitate its diffusion. This is the 'Hack into Heritage' project which allows blind people to better understand the Sevillian cathedral through 3D outlines. FabLab Seville belongs to a global network created by MIT Massachusetts, USA. Around the world there are places like this, open to anyone with ideas that have anything to do with emerging technologies. On one condition: that the generated knowledge is shared.

VTR:

It may not look like it, but in this studio they are working hard to highlight Seville's centenary heritage. And they're doing it with modern day technologies.

MIGUEL Á. LÓPEZ
FabLab Seville collaborator

"What we're looking for is digitalisation, the virtualisation of sculptures and spaces so that, from here, they can be shared."

'Hack into Heritage' is a project by FabLab Seville. Through this they're aiming to share with everyone, unselfishly, all the city's monuments and sculptures in 3D.

PAULINA DÍAZ
FabLab Seville collaborator

"Right now I'm making outlines of the Seville Cathedral, from the most emblematic aspects, hoping that they'll be used for guided visits for the blind."

Through touch, they can get a good idea of the gothic cathedral's stained glass windows. Or this rose window for example. What's most unusual is that, the digitalised models are being made available to anyone for free so they can print them in 3D. That's how the Seville FabLab works.

MIGUEL Á. LÓPEZ
FabLab Seville collaborator

"Anyone can come, develop their ideas, which is what's most important, and then materialise it. Here nearly everything can be made."

At FabLab, in the Architecture Faculty, they are part of a global network created by MIT in Massachusetts. They're open to any idea under one condition, that the knowledge created is made available to all. Miguel Angel, from here, digitalises Seville's sculptures and shares them on this platform.

MIGUEL Á. LÓPEZ
FabLab Seville collaborator

"And it reaches anyone who can be elsewhere, a scholar, a curious, a researcher... Anyone who wants to have access to this but can't do it physically."

Thanks to them and their work, they finally can.

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