

Jar



Photogrammetry Report.

Component 1: Body

Image Data	
Orientation Report	
1. Number of input data	377
2. Registered images count	362 / 377
3. Points count	241675
4. Total projections	727835
5. Average images per tie point	3.0
6. Maximum reprojection error [pixels]	2.00
7. Median reprojection error [pixels]	0.36
8. Mean reprojection error [pixels]	0.49



Fig. 1 – Composite 4 Views

Model Data		
Poly Report		
1.	High Poly Triangle count	39203048
2.	Low Poly Triangle count	74960



Fig. 2 – High Poly



Fig. 3 – Low Poly

Component 2: Latch

Image Data	
Orientation Report	
9. Number of input data	202
10. Registered images count	197 / 202
11. Points count	24425
12. Total projections	94708
13. Average images per tie point	3.9
14. Maximum reprojection error [pixels]	2.00
15. Median reprojection error [pixels]	0.47
16. Mean reprojection error [pixels]	0.58



Fig. 4 – Composite 4 Views

Model Data

Poly Report

3.	High Poly Triangle count	5452224
4.	Low Poly Triangle count	74990

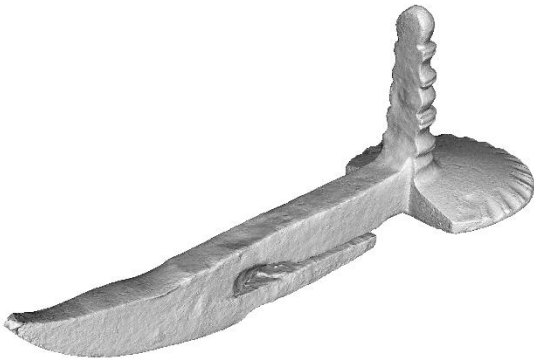


Fig. 5 – High Poly

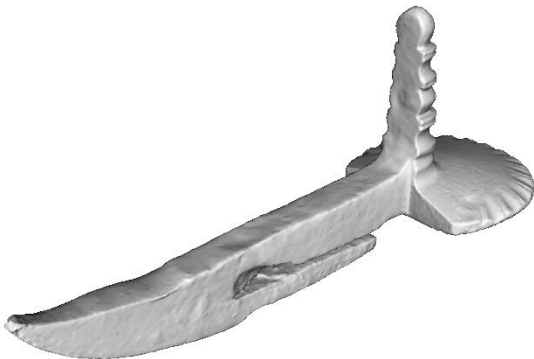


Fig. 6 – Low Poly



## Texturing Report.

### Roughness and Metalness

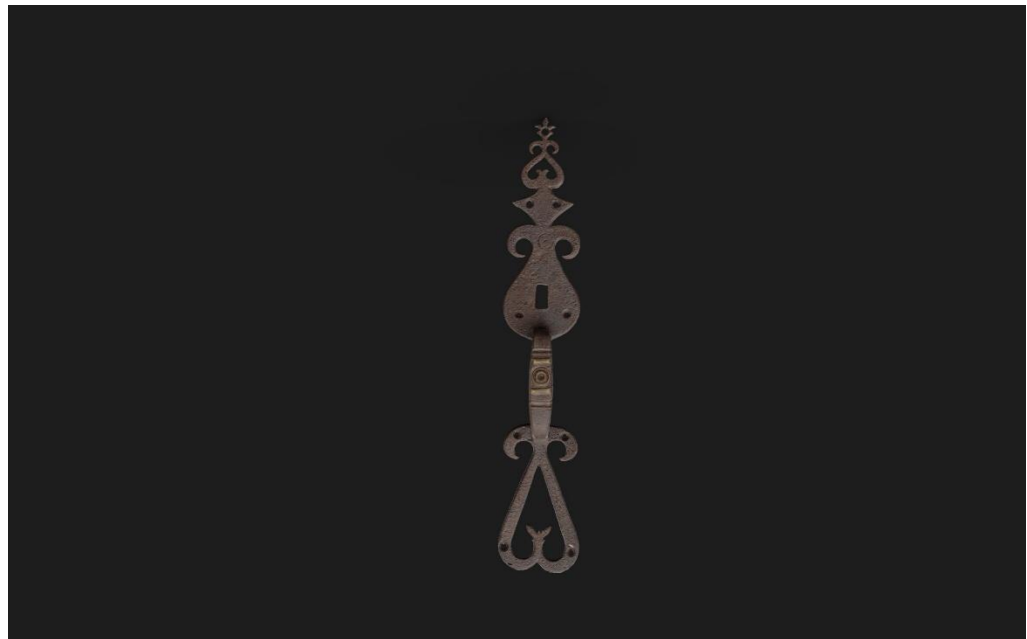


Fig. 7 – Before texturing with SP

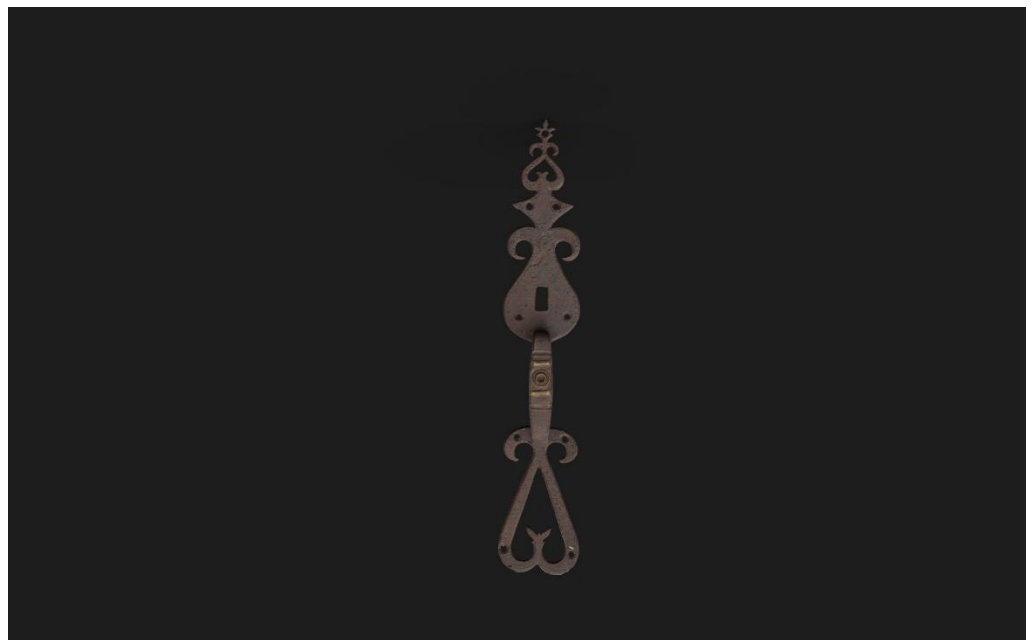


Fig. 8 – After texturing with SP



## Texture Correction



Fig. 9 – Before texturing with SP



Fig. 10 – After texturing with SP

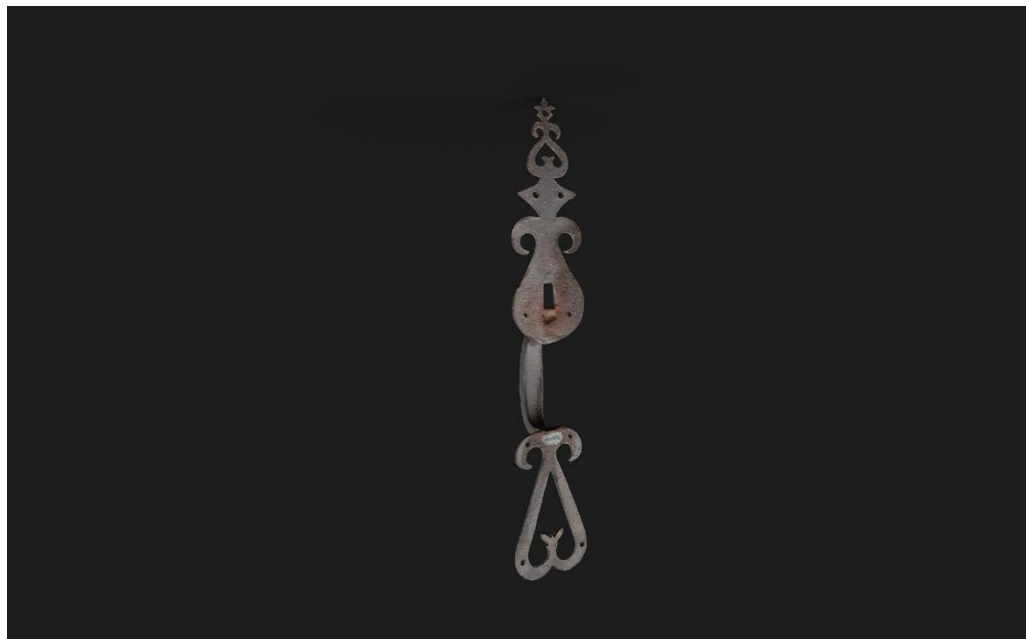


Fig. 11 – Before texturing with SP

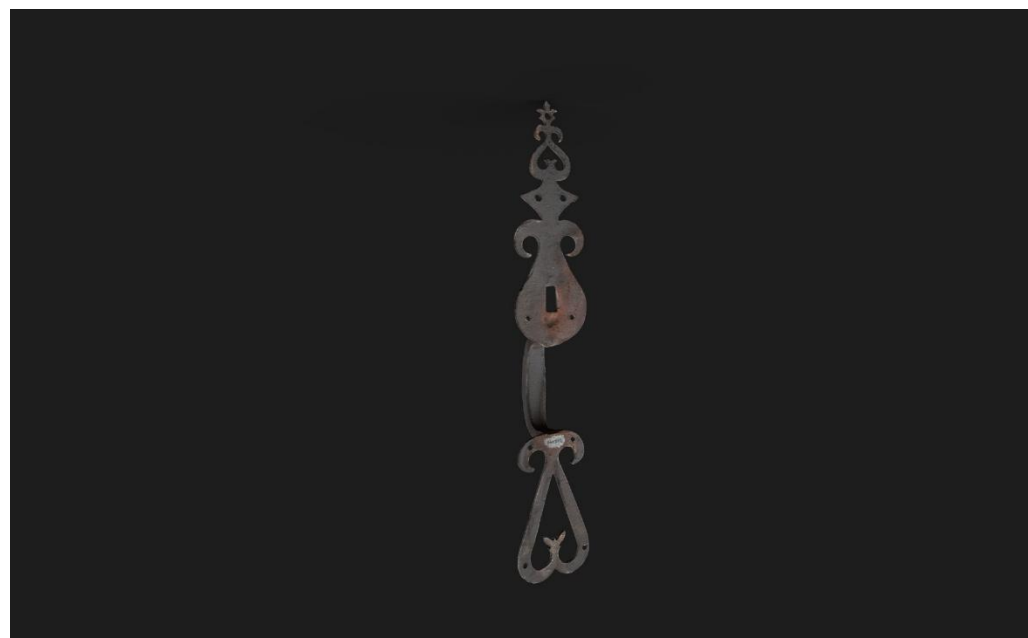


Fig. 12 – After texturing with SP



PBR Textures

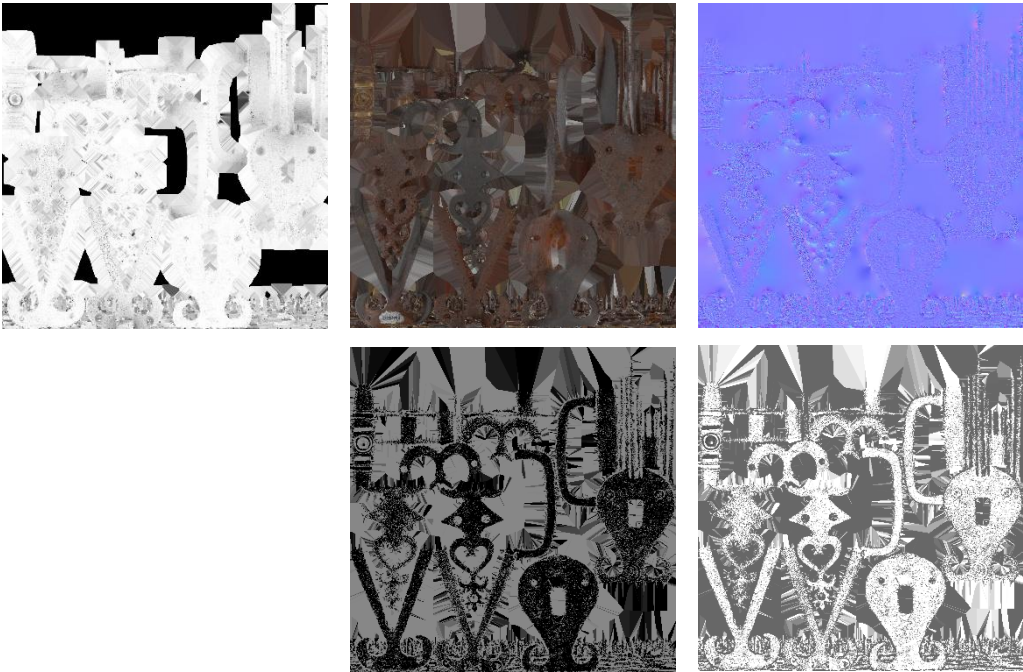


Fig. 13– AO, Diffuse, Normal (top), Metallic and Roughness (bottom) from body

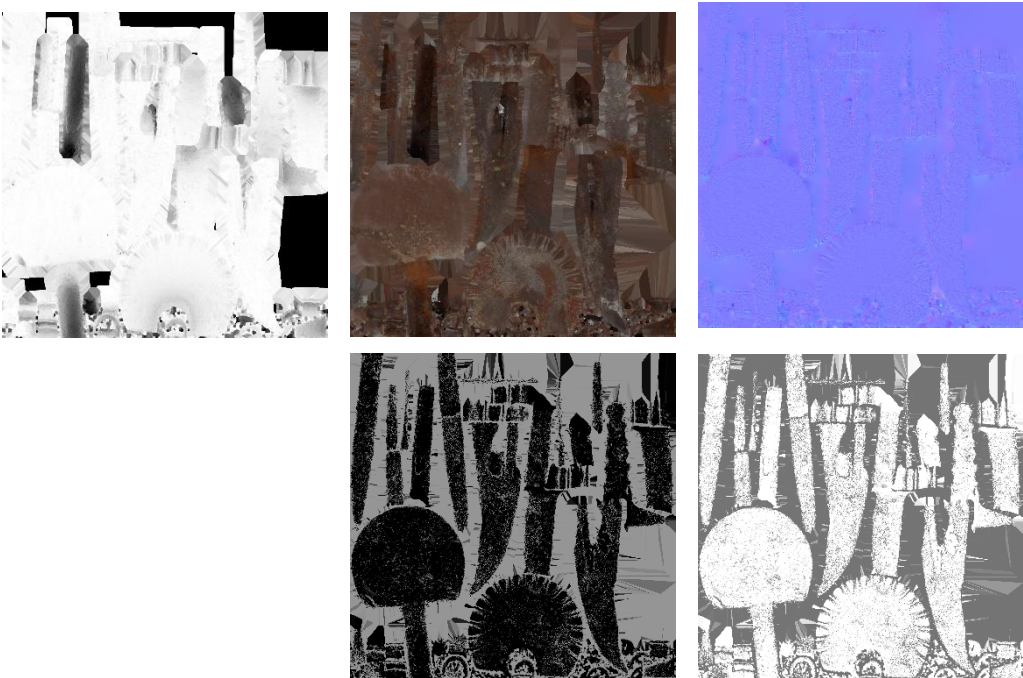


Fig. 14– AO, Diffuse, Normal (top), Metallic and Roughness (bottom) from latch



## Blender Report.

### Rendering



Fig. 15 – Rendered image of the final model



Fig. 16 – Final model rendered in context

Scaling

This process has been carried out following the size established in the Cer.es, so it may vary slightly.



Fig.17 – Different views of the 3D model showing, front, side, back, side, bottom and top perspectives





Data Sheet.

Data

Door handle	
Site	Muséu del Pueblu d´Asturies / FM010722
Origin	-
Creator	-
Technique	Forging
Material	Iron; Brass
Date	Ca. 1825/1875
Purpose of Production	Household ware
Size	8x47x14cm

Description

Iron door handle featuring two distinct decorative shapes—one resembling a heart, and the other composed of various geometric forms. The handle itself includes geometric motifs, such as circles and lines, crafted in brass.