

3D Processing and Anti-counterfeiting

Università degli Studi di Firenze





DINFO

Dipartimento di Ingegneria dell'Informazione



Research activity

multimedia signal processing

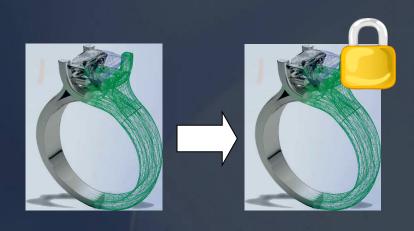
- ✓ multimedia security technologies
- ✓ advanced 2D and 3D processing



A safety and robust system for exchanging 3D model with providers/customers



What is it?



A sort of digital DNA code Invisible and permanent on each copy!



Each copy is copyright protected with the watermark





In case of illegal or unauthorized use the detection of the watermark is a proof in a trial







When using it?



Anti-counterfeiting sealing wax





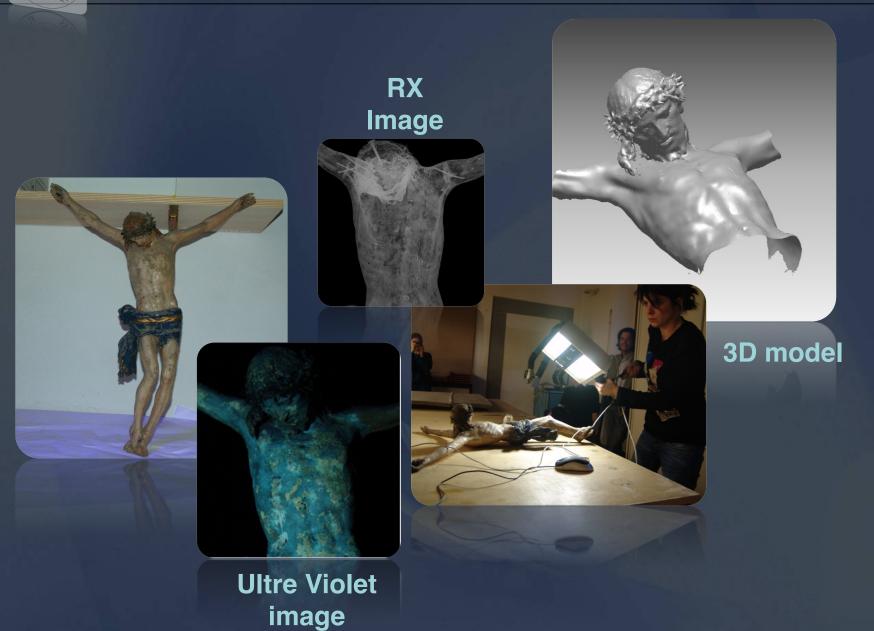


















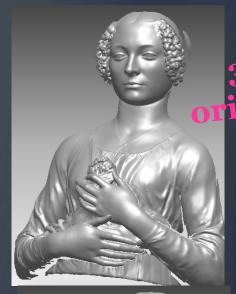








3D processing and watermarking



3D iginal

3D ermarked RGB Texture mapping







watermarked





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