On Digital Fabrication and Art Conservation

with Kai Tiller



What is Art Conservation?

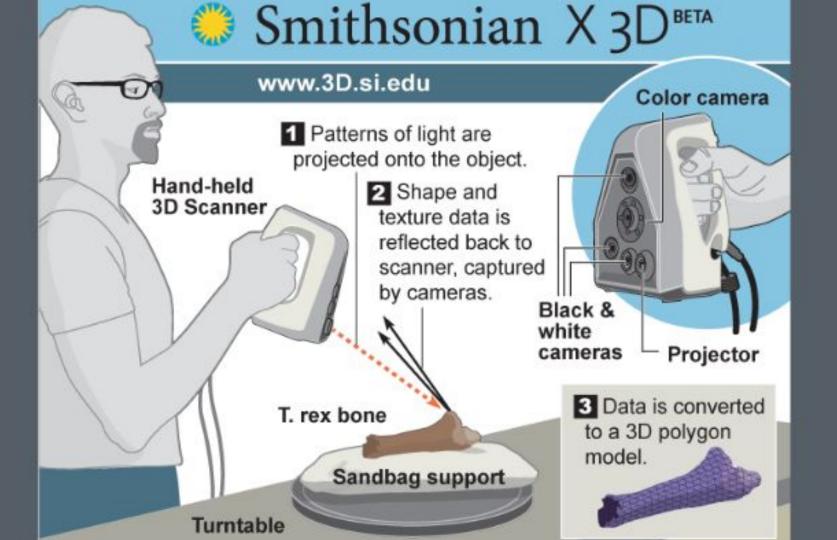


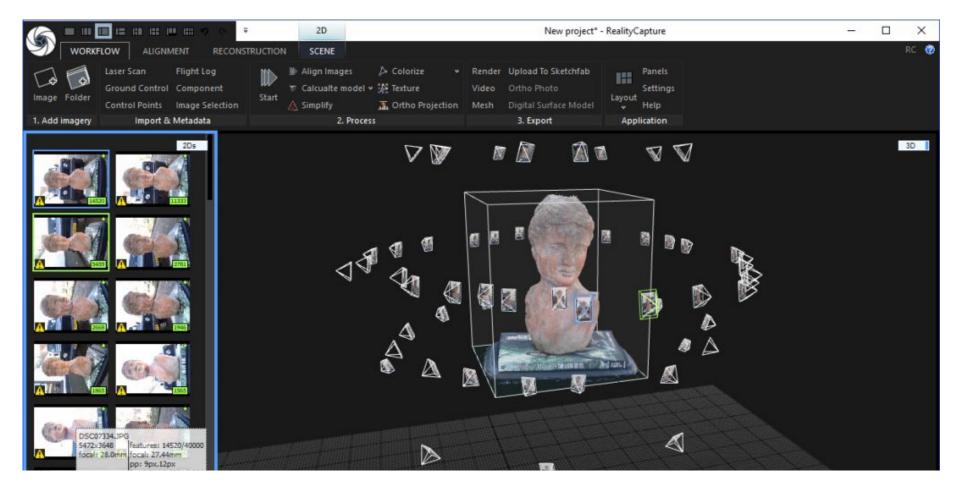


How does digital fabrication combine with art history?

Methods

Laser scanning and Photogrammetry





Example of Photogrammetry

Examples

Why should we digitally scan and archive art?



About Upload a scan How to scan Community Stories Museums



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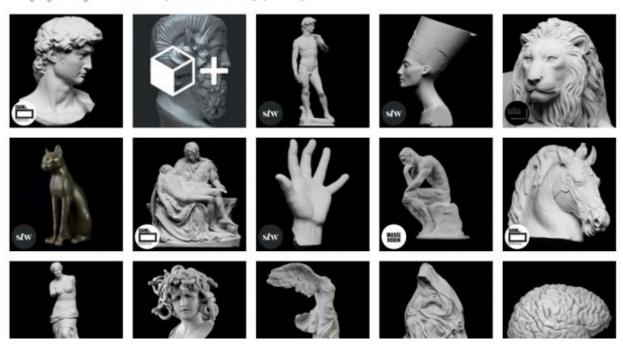
search by artist. search by place.

Q submit

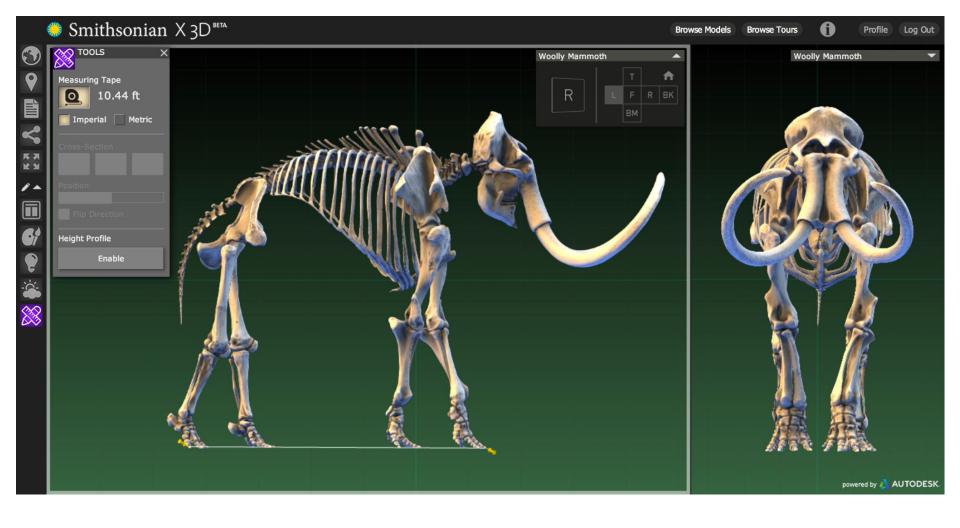
scan the world

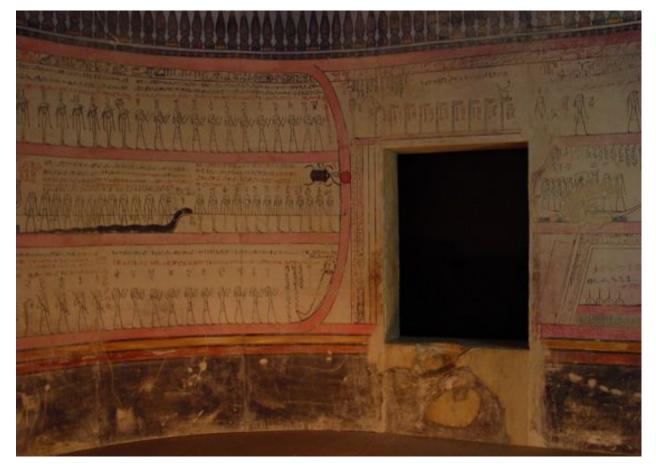
the open source museum

Scan the World is an ambitious community-built initiative whose mission is to share 3D printable sculpture and cultural artefacts using democratised 3D scanning technologies, producing an extensive ecosystem of free to download digital cultural heritage. In making culture accessible, communities are encouraged to share their scans, stories, and creations with the goal to bring tangible heritage to the masses. Share your stories with us at stw@myminifactory.com!



Archives for sharing and learning uninhibited by location.









Replica of King Tut's tomb by Factum Arte

Reconstruction of delicate artworks and locations.



Exhibition design for the visually impaired.



Home > 3D Printing News > Metropolitan Museum of Art 3D scanned three suits of Armor for Artis

3D Printing News AM news Adoption of 3D Printing Art & 3D Printing

Metropolitan Museum of Art 3D scanned three suits of Armor for Artist' Public Art Show

By Yosra K. - May 22, 2018



Armor German, possibly Brunswick, ca 1535 Steel, leather The Metropolitan Museum of Art. Gift of George D. Pratt, 1926(26.91.1a-n)



Armor Italian, ca 1550-75 British, Gr
The Metropolitan Museum of Art. Gift of George D. Pratt, 1927(27.159.1a-p) 1911(11.1



Armor British, Greenwich, ca 1587 The Metropolitan Museum. Frederik C. Hewitt Fund, 1911(11.128.1a-p

Use in creation of new works.

Questions

First, any questions about the presentation?



Questions for Thought:

What are your opinions on repurposing existing art? (in regards to your own practice or others)

Do you see digital achiveship as a sustainable method?

Thank You For Listening!