

Digital Other

The Creative Use of Digital Avatars in
Virtual Reconstructions



Digital Me

Two decades of experience in the computer animation industry, with a focus on creative generalism.

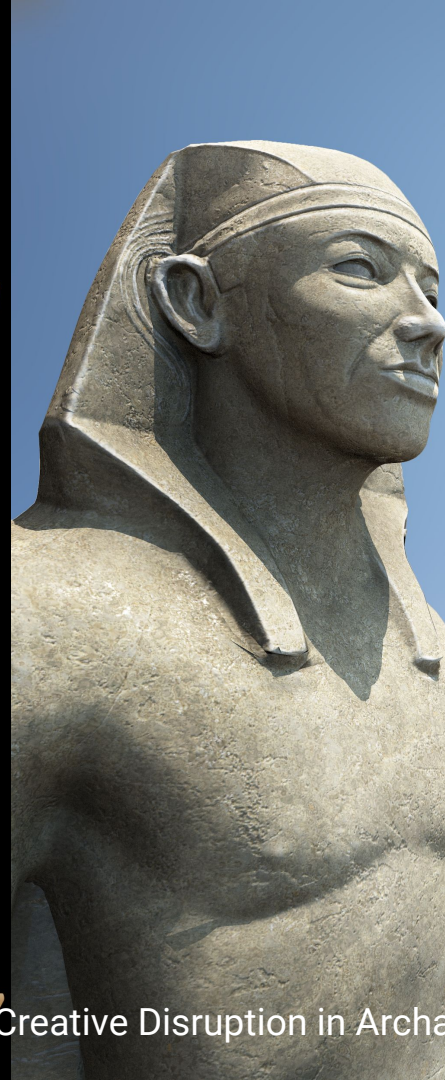
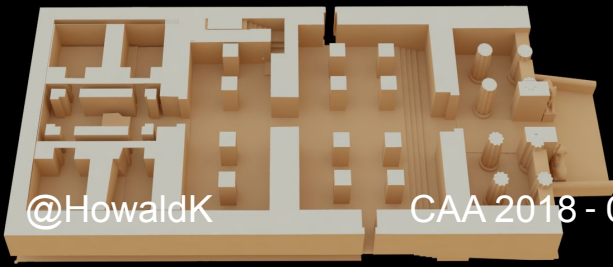
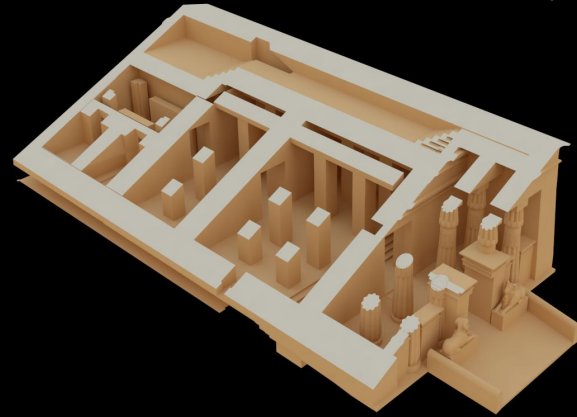
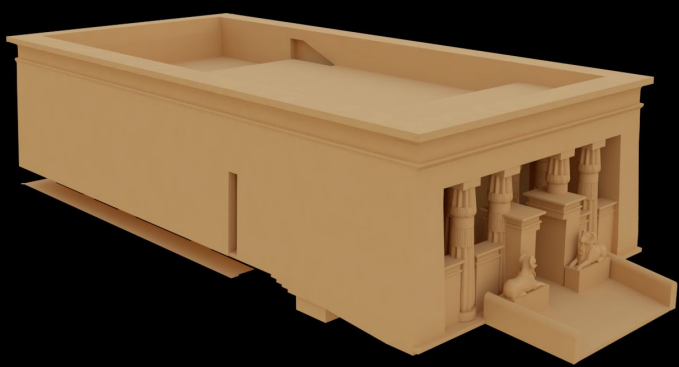


El-Hibeh VR Reconstruction

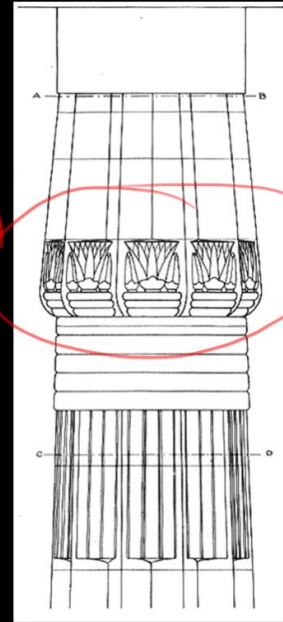
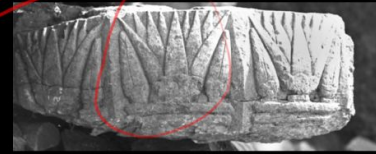


A black and white photograph of an archaeological excavation site. The image shows a large, rectangular stone structure, possibly a wall or a platform, built with large, roughly-hewn blocks. A large, dark, cylindrical object, likely a pipe or a large vessel, is visible within the structure. The site is surrounded by dirt and some sparse vegetation, including palm trees in the background. The overall scene is one of an active archaeological dig.

Ranke Expedition

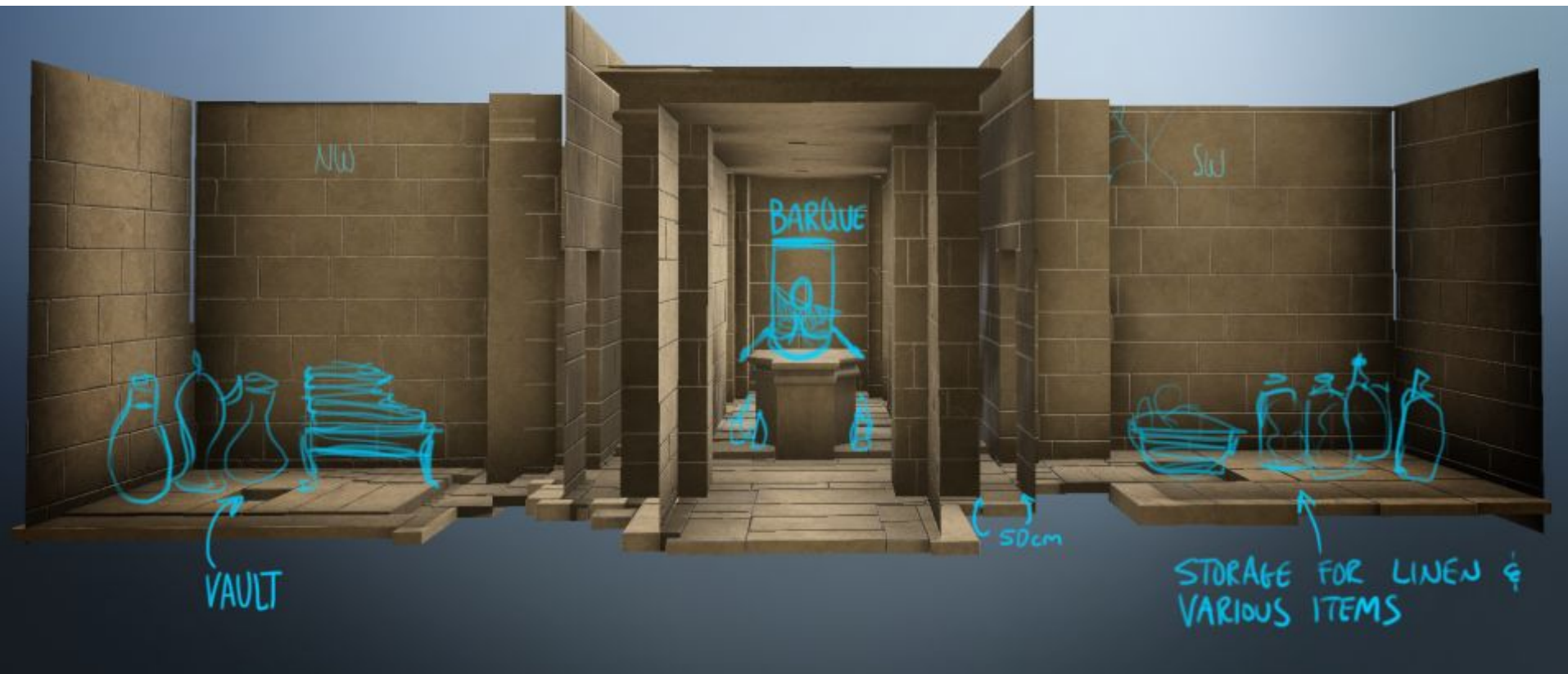


This detailing will be part of texturing process.



Isolated Landscape





Initial use of Digital Representation

5Ft





 **Josh Gates** 
@joshuagates 

World, meet King Tut's mother and likely the true face of [#Nefertiti](#)! First discovered in 1898, the badly damaged mummy of the so-called "Younger Lady" sits in the Egyptian museum. Through 3D imaging and forensic reconstruction, she lives again. [#ExpeditionUnknown](#) [@travelchannel](#)

10:09 AM - Feb 5, 2018

 10.2K  6,044 people are talking about this



Allison Britt [@iMakeArtifacts](#) · Feb 5

Replying to [@joshuagates](#) [@travelchannel](#)

She doesn't look very Egyptian...

 50  128  3.7K 



Harold T. Ogden [@GennethKrant](#) · Feb 5

Ancient Egyptians were more closely related to Europeans. Modern day Egyptians look like the Arabs that conquered after the time of the pharaohs, mixed with Sub-Saharan Africans they enslaved in large numbers.

 239  172  2.1K 



Killmonger's Mom [@Itsonlyreal](#) · Feb 5

This is inaccurate.

 78  126  5.0K 



Harold T. Ogden [@GennethKrant](#) · Feb 5

Outstanding rebuttal! I hope it gets published in Nature, the world's most prestigious science journal!



Mummy DNA unravels ancient Egyptians' ancestry

Genetic analysis reveals a close relationship with Middle Easterners, not central Africans.

[nature.com](#)

 41  118  1.6K 



Killmonger's Mom [@Itsonlyreal](#) · Feb 5

They're lying if they're saying these people were anything but black. Look at the REAL sculptures and drawings from the time period and it will easily disprove this nonsense. Egypt is in Africa. ALL of Africa's natural inhabitants were black.

 152  223  2.4K 



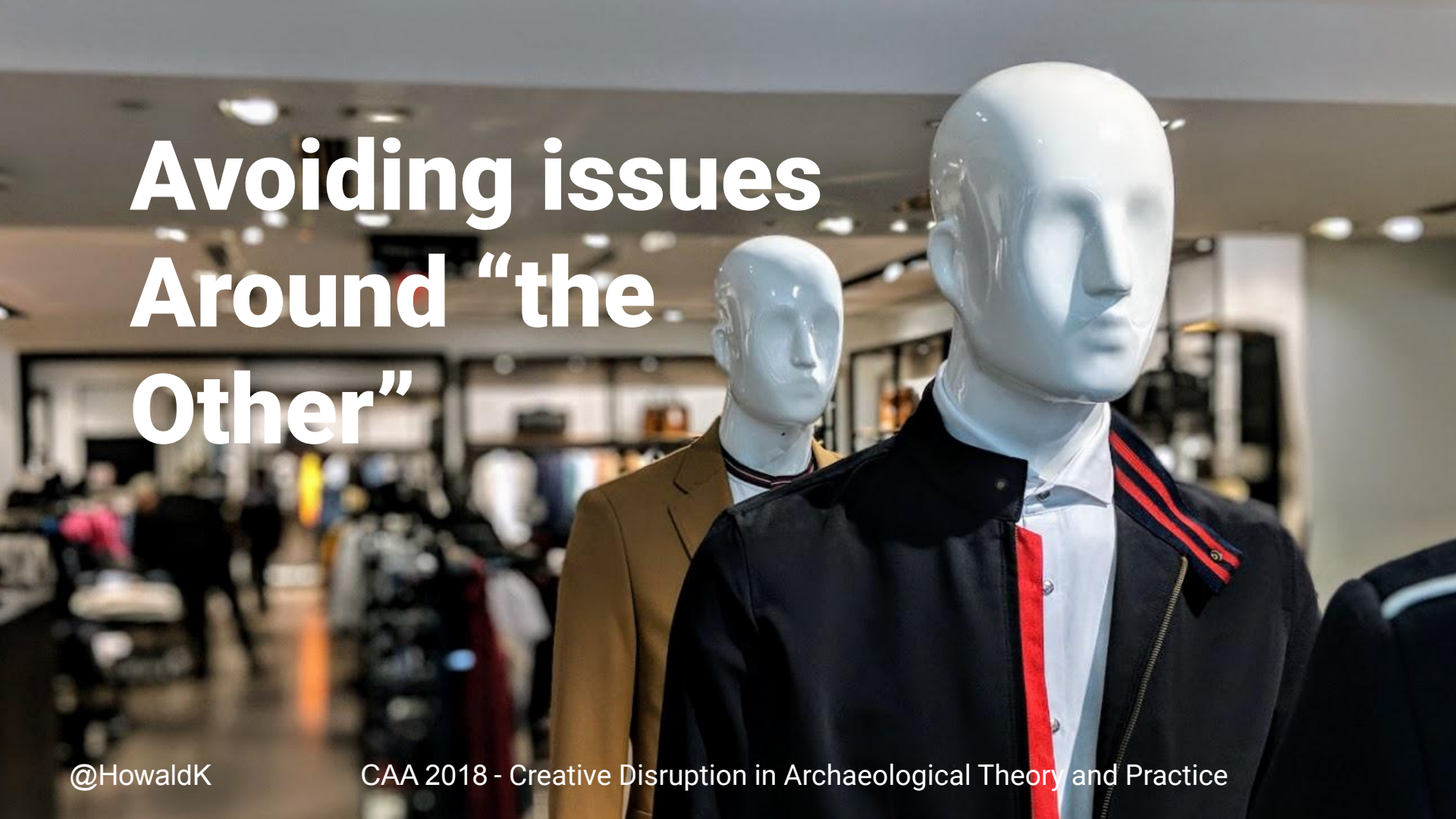
Harold T. Ogden [@GennethKrant](#) · Feb 5

The servants certainly were.

This media may contain sensitive material. Your [media settings](#) are configured to warn you when media may be sensitive. [View](#)

 151  132  1.7K 

3 more replies



Avoiding issues Around “the Other”



Photo: Kristian Howald 2018

@HowaldK

CAA 2018 - Creative Disruption in Archaeological Theory and Practice

**THE MANY
FACES OF HOMO**

The fossil record tells different stories about the evolution of the genus *Homo*. It is a complex story, with many different species and lineages. Today, we know that *Homo sapiens* is the only species of the genus *Homo* that remains today. The fossil record tells us that *Homo* has a long and complex history, with many different species and lineages. Today, we know that *Homo sapiens* is the only species of the genus *Homo* that remains today.



Research remains structure south to have long Rift, and home to discover lies main variety including genus, 1 years ago

Lake Turkana
Abundant fossils of early hominids have been found around Lake Turkana on the border of Kenya and Ethiopia. The lake is over two million years old and is higher than they are. It is a hominid species flour

© AMNH/D

@HowaldK

CAA 2018 - Creative Disruption in Archaeological Theory and Practice



Tracey Whitefoot / Alamy Stock Photo

@HowaldK

CAA 2018 - Creative Disruption in Archaeological Theory and Practice

Stirling Castle

A detailed diorama of a medieval kitchen scene. In the foreground, a man in a yellow tunic is chopping vegetables on a wooden table. The table is covered with various produce, including cabbages, onions, and carrots. In the background, other figures are engaged in food preparation, with one woman in a white dress and headscarf working at a table. The setting is a rustic kitchen with stone walls, wooden tables, and various kitchenware.

Arterra Picture Library / Alamy Stock Photo

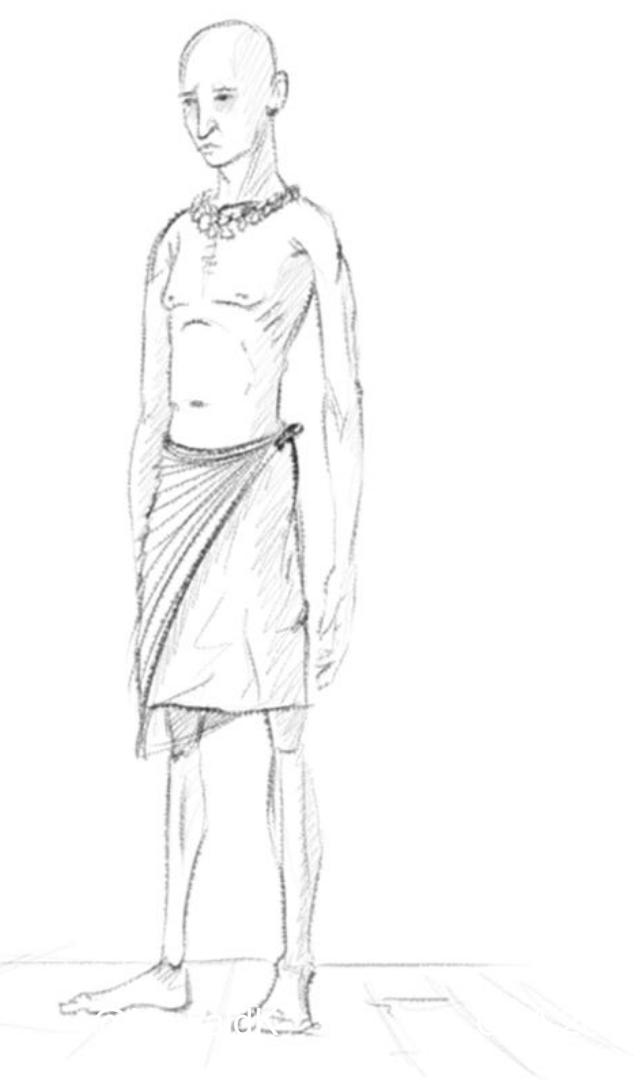
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3 - Creative Disruption in Archaeological Theory and Practice



Issues with using Greyscale.











Video Games

The Sacred Barge
Temples & Rituals of Ancient Egypt
Station 1 of 12



Sarcophagus of
Tachepenkonsu, sistrum player
of the God Amon-Ra

25th Dynasty



CLOSE



MORE INFO

Kristian Howald @HowaldK · 22h

#PS4share Exploring temples and rituals of ancient Egypt in the Assassin's Creed

Original @Historical.com

@HowaldK

CAA 2018 - Creative Disruption in Archaeological Theory and Practice





Temples & Rituals of Ancient Egypt



Kristian Howald @HowaldK · 21h

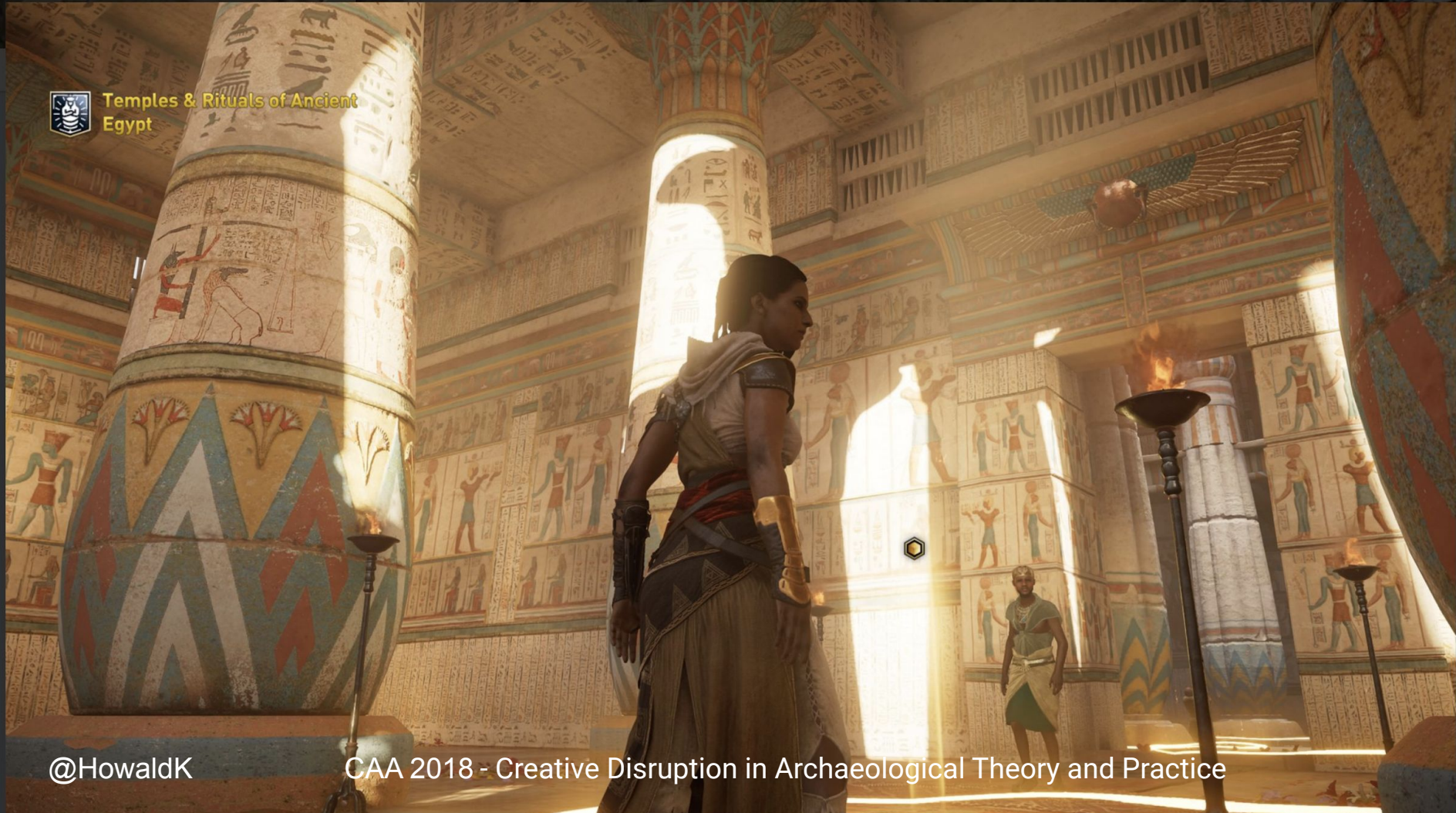
Inside the Temple still. Interesting place for a waterspout.

@HowaldK

CAA 2018 - Creative Disruption in Archaeological Theory and Practice



Temples & Rituals of Ancient
Egypt



Machine Learning

HUMANIZING
COMPUTING

@HowaldK

CAA 2018 - Creative Disruption in Archaeological Theory and Practice

<https://www.soulmachines.com>

soul
machines



**Strive for
Authenticity**



Future Research



Thank You