

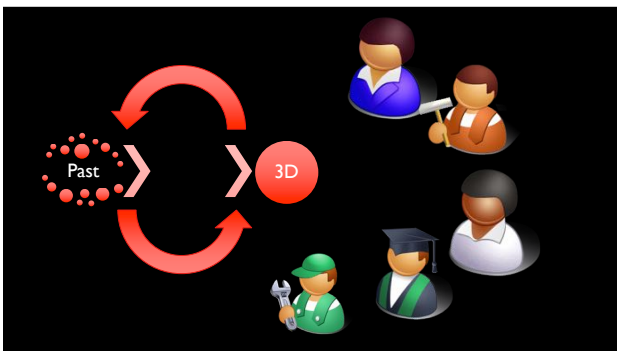
**Explaining
Archaeological 3D Visualisations from the
perspectives of Polyrepresentation and
Boundary Objects**

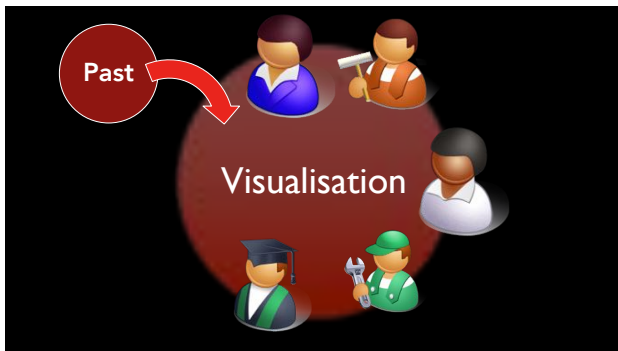
Isto Huvila
ALM | Uppsala University
@ihuvila | www.istohuvila.se

**Problem:
Documentation of
archaeological 3D.**

Vatanen, I.
Argumentation paths in Information Infrastructure of the
Archaeological virtual realities
der Stadt Wien Referat Kulturelles Erbe Stadtarchäologie
Wien, M. (Ed.) *Enter the Past - The E-way into the Four
Dimensions of Cultural Heritage. CAA 2003. Computer
Applications and Quantitative methods in Archaeology.
Proceedings of the 31st Conference, Vienna, Austria, April
2003. (On the accompanying CD-ROM), Archaeopress,
2004, 1227.*

**Ethnographical observation
at a Nordic teaching
excavation in 2016.**





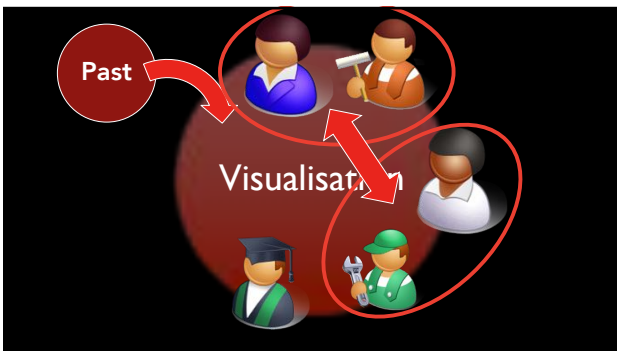
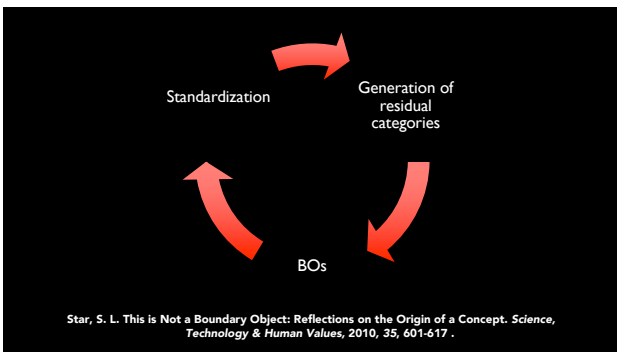
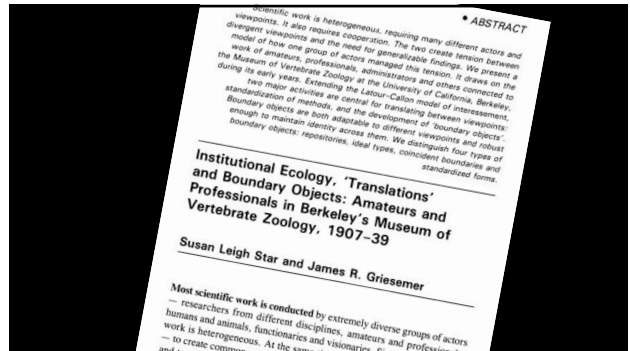
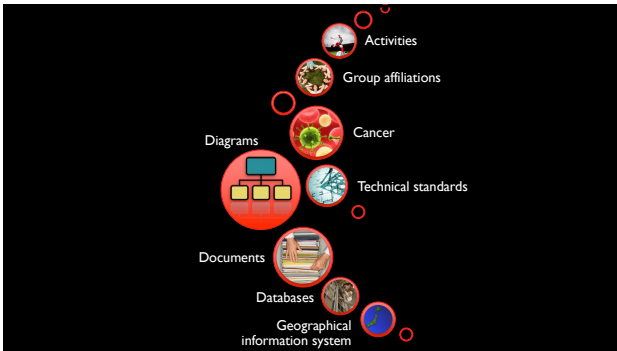
Collaboration around vs. collaboration with.

3D visualisation as an infrastructure.
~ **Bowker, Star, Ruhleder, etc.**

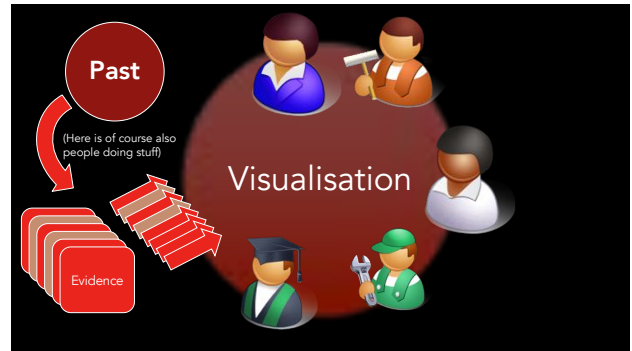
3D visualisation as a knowledge organisation system.

Star, S. L. & Griesemer, J. R.
Institutional Ecology, Translations and Boundary Objects: Amateurs and Professionals in Berkeley's Museum of Vertebrate Zoology, 1907-39
***Social Studies of Science*, 1989, 19(3), 387-420**

Boundary objects are abstract or physical artefacts that reside in the interfaces between organisations or groups of people and have the capacity to bridge perceptual and practical differences among communities and facilitate cooperation by emerging mutual understanding.



Ingwersen, P.
Polyrepresentation of information needs and semantic entities: elements of a cognitive theory for information retrieval interaction
Proceedings of the 17th annual international ACM SIGIR conference on Research and development in information retrieval, 1994, 101-110.



If two very different (cognitively) independent sources suggest the same thing, the likelihood of it being a relevant piece of information is greater.

Good(?) with polyrepresentation but can 3D visualisations incorporate independent views?

Sort of conclusions

Back to making a clearer distinction between facts and interpretations?

Thinking interactions with 3D visualisations as a series of information retrieval tasks by different user groups?

More focus on the use of 3D visualisations.

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ALM | Uppsala University
@ihuvila | www.istohuvila.se
firstname.kastname@abm.uu.se