THE postdigital MUSEUM

Seeing museums after the digital revolution

MUZEUM@DIGIT 11 June 2013 Hungarian National Museum



The postdigital museum

digital being naturalised within the museum's vision and articulation of itself

a preparedness for a post-digital organisational structure

actively recruiting blended roles

the presence of 'digital thinking'

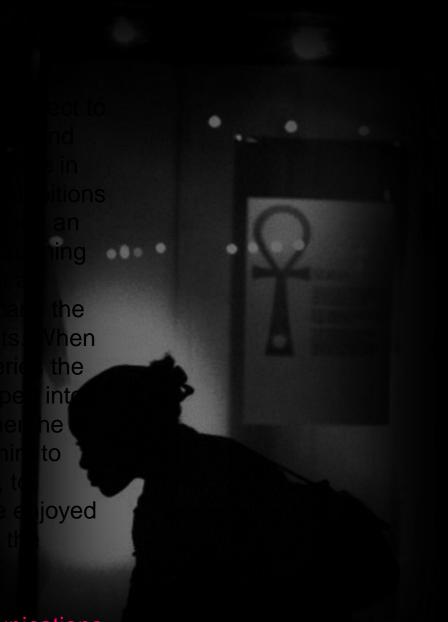
digital being part of the generative and ideation moment

blended production

strategising for a multiplatform future no need for digital to be strategised separately



'Sometime in 1980



'Sometime in 1980 a scholar will enter a major museum, set himself at a computer terminal in the research room, and ask to review all works depicting, say, sailing vessels [...] He will expect to see works from all significant collections around the world, including works currently in storage in the museum, and those out in travelling exhibitions

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'not [...] outrageous to dream of the day when museum information may be delivered electronically from a computer centre directly to the home or classroom [...]

Ellin, Everett (1968).



'not [...] outrageous to dream of the day when museum information may be delivered electronically from a computer centre directly to the home or classroom [...] we might hope to orient and serve the museum visitor in a variety of modes keyed, under computer control, to [...] individual requirements'

Ellin, Everett (1968).





'visions of trouble-free
instant access to the data
associated with the
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Philip Humphrey and Ann Clausen(1976). University of Kansas Museum of Natural History.



'visions of trouble-free instant access to the data associated with the collections of the world, [curators] in constant communication via digital technology [...] Perhaps someday this vision will become a reality'

Philip Humphrey and Ann Clausen(1976). University of Kansas Museum of Natural History.





"[The normative] seem to be essentially involved with furthering the actualization of ends by specifying actions conducive to such actualization. That is, norms connect ends to the appropriate means, and wherever there is a means– end relationship, there is normativity in this sense.

Barham, J. (2012). 'Normativity, agency, and life', Studies in History and Philosophy of Science, Part C: Studies in History and Philosophy of Biological and Biomedical Sciences, Volume 43, Issue 1, March 2012, pp. 92–103.





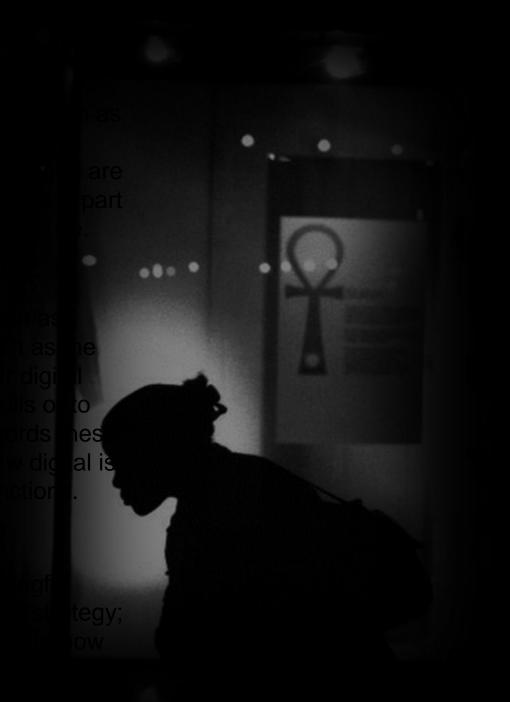
Orlikowski, Wanda. J. 1992. "The Duality of Technology: Rethinking the Concept of Technology in Organizations." *Organization Science* 3 (3): 398-427.

Hossain, Md. Dulal, Junghoon Moon, Jin Ki Kim, and Young Chan Choe. 2011. "Impacts of Organizational Assimilation of E-Government Systems on Business Value Creation: A Structuration Theory Approach." *Electronic Commerce Research and Applications* 10: 576–594.

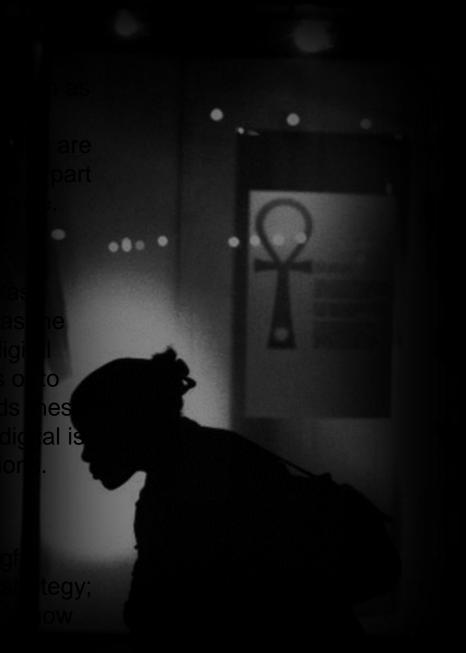
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Chatterjee, D., R. Grewal, and V. Sambamurthy. 2002. "Shaping Up for E-Commerce: Institutional Enablers of the Organizational Assimilation of Web Technologies." *MIS Quarterly* 26 (2): 65-89.





structures of legitimisation



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structures of signification



mission and vision policy and protocols organisational shape

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validated behaviours and language allocation of resources valued skills sets

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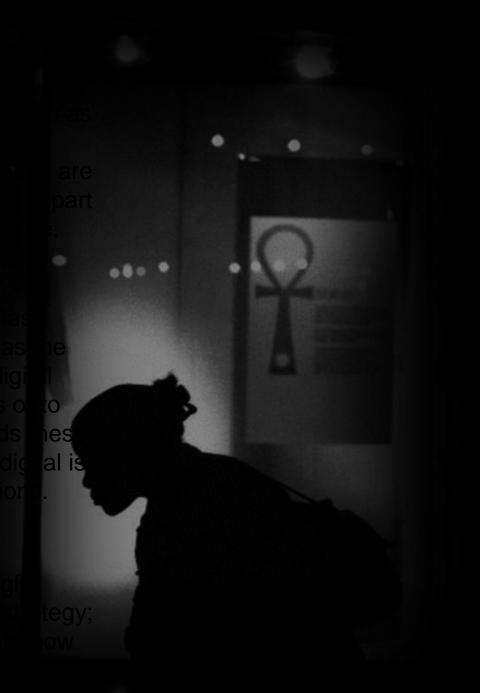


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Matthew Cock Head of Web, British Museum

Andrew Lewis Digital Content Delivery Manager, Victoria and Albert Museum



Dave Patten Head of New Media, The Science Museum

Fiona Romeo Head of Design and Digital Media, National Maritime Museum

Carolyn Royston Head of Digital Media, Imperial War Museum

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John Stack Head of Tate Online, Tate

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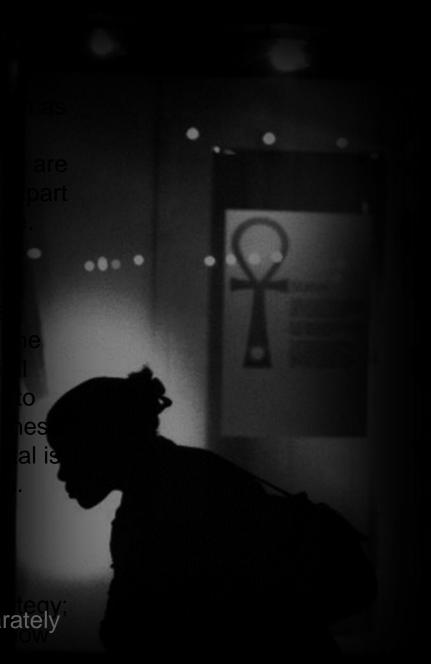
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organisa	National Maritime Museum's - digital participation
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postdigital museum

postdigital research

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(2000-2010)

postdigital research

(2010-forwards)

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"The potential of mobile media for curating everyday meanings" digital *technology conceived as new and other*

"The implications of podcasting for the museum and its role as broadcaster" emphasis given to the *impact new technologies will have on museum practice*

"The consequences of displaying sacred museum objects online" looking to *perform a risk analysis of technology*

"How to sustain public-facing digital resources in the museum" *identifying what new best practice with a new technology will look like*

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"Exploring the anomalies and creativity between museums and pop music culture" digital technology assumed to be present and organic

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"Developing a methodology for measuring the impact of museum's social media" looking to develop more mature frameworks of technological use

"Understanding workflow in the production of cross-platform and convergent media" approaching *digital as part of established practice*

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Dr Ross Parry

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