
CONTENTS

Contributors	vii
Figures	ix
Foreword	xi
<i>Introduction: Why authenticity still matters today</i>	1
PAOLA DI GIUSEPPANTONIO DI FRANCO, FABRIZIO GALEAZZI AND VALENTINA VASSALLO	
Defining authenticity	1
Materiality vs constructivism	2
Object biographies	3
Authority and power	3
Experience and performance	4
Structure of the book	5
Part 1 Histories	11
<i>Chapter 1 Cast aside or cast in a new light? The Maudslay replica Maya casts at the Museum of Archaeology and Anthropology, Cambridge</i>	13
JODY JOY AND MARK ELLIOTT	
The Maudslay casts	14
Changing meanings	22
Contemporary role of replicas	22
Conclusions	23
<i>Chapter 2 Authenticity and realism: virtual vs physical restoration</i>	25
LOLA VICO LOPEZ	
Concepts and terminology	25
Principles and norms used in physical restoration and their relevance to the virtual environment	27
Towards a method for virtual restoration	29
Case studies	30
Concluding remarks	32
Part 2 Definitions	35
<i>Chapter 3 Digital Authenticity and the London Charter</i>	37
SORIN HERMON AND FRANCO NICCOLUCCI	
The London Charter – preamble and current situation	38
The London Charter principles	39
Summary and conclusions	44
<i>Chapter 4 Digital heritage objects, authorship, ownership and engagement</i>	49
STUART JEFFREY	
Authorship and ownership	49
Transience	53
Future recording	54
Conclusion	54
Part 3 Practices	57
<i>Chapter 5 Evaluating authenticity: the authenticity of 3D models in archaeological field documentation</i>	59
PETER JENSEN	
Observation and interpretation in archaeology	60
Conceptualized authenticity in archaeological documentation	64
Conclusion	72

<i>Chapter 6</i>	Virtual authority and the expanding role of 3D digital artefacts	75
	KEVIN GARSTKI	
	Photography and its similarities to 3D scanning	75
	Case study 1	77
	Case study 2	78
	Discussion	79
<i>Chapter 7</i>	Volatile images: authenticity and representation and multi-vocality in digital archaeology	83
	GARETH BEALE	
	Mediating authenticity	83
	Case study 1: Basing House zine printing	85
	Case study 2: Microlith	88
	Case study 3: Re-reading the British Memorial	90
	Conclusion	92
Part 4	Uses	95
<i>Chapter 8</i>	Ektypa and 3D models of Ektypa: the reality(ies) of a digital object	97
	ELENI BOZIA	
	Thoughts on authenticity	98
	Digital epigraphy: a new version of epigraphy or a new-found authenticity	100
	Copy vs. original: how a copy verifies the original	102
	Conclusion	108
<i>Chapter 9</i>	Theorizing authenticity – practising reality: the 3D replica of the Kazaphani boat	111
	NICOLA AMICO, P. RONZINO, V. VASSALLO, N. MILTIADOUS, S. HERMON AND F. NICCOLUCCI	
	The 3D replica of the Kazaphani boat. A case study of a fragile archaeological artefact	112
	Visitor’s experience: ‘A wonderful deception!’	118
	Conclusions	120
<i>Chapter 10</i>	Pitoti Prometheus, virtual reality 360: Valcamonica rock art between naturalism and alienation	123
	FREDERICK BAKER	
	Digital vs virtual	123
	Naturalism – recording rock art	125
	Naturalism and authenticity – the fourth dimension, time	127
	Alienation	128
	Arts-based research	129
	Conclusion	132
Index		135

CONTRIBUTORS

NICOLA AMICO

Science and Technology in Archaeology Research
Center (STARC), The Cyprus Institute
20 Konstantinou Kavafi Street, 2121, Nicosia,
Cyprus /
VAST-LAB – PIN
Piazza Ciardi 25, Prato, PO59100 Italy
Email: nicola.amico@pin.unifi.it

FREDERICK BAKER

McDonald Institute for Archaeological Research,
University of Cambridge
Downing Street, Cambridge, CB2 3ES, UK
Email: fb346@cam.ac.uk

GARETH BEALE

Department of Archaeology, University of York
King's Manor, York, YO1 7EP, UK
Email: gareth.beale@york.ac.uk

ELENI BOZIA

Department of Classics and Digital Worlds Institute,
University of Florida
137 Dauer Hall, University of Florida, P.O. Box
117435, Gainesville, FL 32611, USA
Email: bozia@ufl.edu

PAOLA DI GIUSEPPANTONIO DI FRANCO

School of Philosophy and Art History, University
of Essex
Colchester, CO4 3WA, UK /
McDonald Institute for Archaeological Research,
Cambridge
Downing Street, Cambridge, CB2 3ES, UK
Email: pd17425@essex.ac.uk

MARK ELLIOTT

Museum of Archaeology and Anthropology,
Cambridge
Downing Street, Cambridge, CB2 3DZ, UK
Email: mje29@cam.ac.uk

FABRIZIO GALEAZZI

Department of Archaeology, University of York
King's Manor, York, YO1 7EP, UK
Email: fabrizio.galeazzi@york.ac.uk

KEVIN GARSTKI

Department of Social and Cultural Studies,
Marquette University
Lalumiere Language Hall 340, P.O. Box 1881,
Milwaukee, WI 53201, USA
Email: kevin.garstki@marquette.edu

SORIN HERMON

Science and Technology in Archaeology Research
Center (STARC), The Cyprus Institute
20 Konstantinou Kavafi Street, 2121, Nicosia,
Cyprus
Email: s.hermon@cyi.ac.cy

STUART JEFFREY

The Glasgow School of Art, University of Glasgow
167 Renfrew Street, Glasgow, G3 6RQ, UK
Email: s.jeffrey@gsa.ac.uk

PETER JENSEN

Department of Archaeology and Heritage Studies,
Aarhus University
Moesgård Allé 20, DK-8270 Højbjerg, Denmark
Email: peter.jensen@cas.au.dk

JODY JOY

Museum of Archaeology and Anthropology,
Cambridge
Downing Street, Cambridge CB2 3DZ
Email: jpj32@cam.ac.uk

SARAH KENDERDINE

Digital Humanities Institute, College of Humanities,
École Polytechnique Fédérale de Lausanne (EPFL),
Lausanne, Switzerland
Email: sarah.kenderdine@epfl.ch

NICOLETTA MILTIADOUS

Department of Antiquities, Cyprus
1 Museum Avenue, P.O. Box 22024, 1516, Nicosia,
Cyprus
Email: nicolettae@gmail.com

FRANCO NICCOLUCCI
Science and Technology in Archaeology Research
Center (STARC), The Cyprus Institute
20 Konstantinou Kavafi Street, 2121, Nicosia,
Cyprus /
VAST-LAB – PIN
Piazza Ciardi 25, Prato, PO59100 Italy
Email: franco.niccolucci@pin.unifi.it

PAOLA RONZINO
Science and Technology in Archaeology Research
Center (STARC), The Cyprus Institute
20 Konstantinou Kavafi Street, 2121, Nicosia,
Cyprus /
VAST-LAB – PIN
Piazza Ciardi 25, Prato, PO59100 Italy
Email: paola.ronzino@pin.unifi.it

VALENTINA VASSALLO
Science and Technology in Archaeology Research
Center (STARC), The Cyprus Institute
20 Konstantinou Kavafi Street, 2121, Nicosia,
Cyprus
Email: v.vassallo@cyi.ac.cy

LOLA VICO LOPEZ
Science and Technology in Archaeology Research
Center (STARC), The Cyprus Institute
20 Konstantinou Kavafi Street, 2121, Nicosia,
Cyprus
Email: lola.vico@gmail.com