

Understanding and Accessibility of Pre-and Proto-Historical Research Issues: Sites, Museums and Communication Strategies

Proceedings of the XVIII UISPP World Congress

(4-9 June 2018, Paris, France)

Volume 17

Session XXXV-1

edited by

Davide Delfino and Valentino Nizzo



ARCHAEOPRESS PUBLISHING LTD
Summertown Pavilion
18-24 Middle Way
Summertown
Oxford OX2 7LG

www.archaeopress.com

ISBN 978-1-80327-078-4
ISBN 978-1-80327-079-1 (e-Pdf)

© Archaeopress, UISPP and authors 2021

Cover image: Frame of the video- fast motion ‘Tik & Tuk’ as part of a path of universal accessibility in the Samnite Museum of Campobasso (Italy) ‘Smart Cultural Heritage 4all’ in the context of the project Molise M.A.C.R.O. Coordination: Regional Direction of the State Museums of Molise (S. Ialenti; V. Carbonara; D. Delfino), Development University of Molise (F. Ferrucci; G. Maddalena), Execution Heritage s.r.l. (E. Bruno; P. Tosco) and artist Gabriele Rocchietta’ Courtesy of Ministry of Cultural Heritage, Activities and Tourism- Regional Direction of Museums of Molise.

The cover image cannot be reproduced without the prior written permission of the copyright owners.

This book is available direct from Archaeopress or from our website www.archaeopress.com



This work is licensed under a Creative Commons
Attribution-NonCommercial-NoDerivatives 4.0 International License

UISPP PROCEEDINGS SERIES VOLUME 17 – Understanding and Accessibility of Pre-and Proto-Historical Research Issues: Sites, Museums and Communication Strategies

UISPP XVIII World Congress 2018

(4-9 Juin 2018, Paris)

Session XXXV-1

VOLUME EDITORS: Davide Delfino and Valentino Nizzo

SERIES EDITOR: The Board of UISPP

SERIES PROPERTY: UISPP – International Union of Prehistoric and Protohistoric Sciences

© 2021, UISPP and authors

KEY-WORDS IN THIS VOLUME: museum, communication, prehistory, protohistory

UISPP PROCEEDINGS SERIES is a print on demand and an open access publication,
edited by UISPP through Archaeopress

BOARD OF UISPP: François Djindjian (President), Marta Arzarello (Secretary-General), Apostolos Sarris (Treasurer), Abdoulaye Camara (Vice President), Erika Robrahn Gonzalez (Vice President). The Executive Committee of UISPP also includes the Presidents of all the international scientific commissions (www.uispp.org).

BOARD OF THE XVIII UISPP CONGRESS: François Djindjian, François Giligny, Laurent Costa, Pascal Depaepe, Katherine Gruel, Lioudmila Iakovleva, Anne-Marie Moigne, Sandrine Robert



Foreword to the XVIII UISPP Congress Proceedings

UISPP has a long history, originating in 1865 in the International Congress of Prehistoric Anthropology and Archaeology (CIAAP). This organisation ran until 1931 when UISPP was founded in Bern. In 1955, UISPP became a member of the International Council of Philosophy and Human Sciences, a non-governmental organisation within UNESCO.

UISPP has a structure of more than thirty scientific commissions which form a very representative network of worldwide specialists in prehistory and protohistory. The commissions cover all archaeological specialisms: historiography; archaeological methods and theory; material culture by period (Palaeolithic, Neolithic, Bronze Age, Iron Age) and by continents (Europe, Asia, Africa, Pacific, America); palaeoenvironment and palaeoclimatology; archaeology in specific environments (mountain, desert, steppe, tropical); archaeometry; art and culture; technology and economy; biological anthropology; funerary archaeology; archaeology and society.

The UISPP XVIII World Congress of 2018 was hosted in Paris by the University Paris 1 Panthéon-Sorbonne with the strong support of all French institutions related to archaeology. It featured 122 sessions, and over 1800 papers were delivered by scientists from almost 60 countries and from all continents.

The proceedings published in this series, but also in issues of specialised scientific journals, will remain as the most important legacy of the congress.

L'UISPP a une longue histoire, à partir de 1865, avec le Congrès International d'Anthropologie et d'Archéologie Préhistorique (C.I.A.A.P.), jusqu'en 1931, date de la Fondation à Berne de l'UISPP. En 1955, l'UISPP est devenu membre du Conseil International de philosophie et de Sciences humaines, associée à l'UNESCO. L'UISPP repose sur plus de trente commissions scientifiques qui représentent un réseau représentatif des spécialistes mondiaux de la préhistoire et de la protohistoire, couvrant toutes les spécialités de l'archéologie : historiographie, théorie et méthodes de l'archéologie ; Culture matérielle par période (Paléolithique, néolithique, âge du bronze, âge du fer) et par continents (Europe, Asie, Afrique, Pacifique, Amérique), paléoenvironnement et paléoclimatologie ; Archéologie dans des environnements spécifiques (montagne, désert, steppes, zone tropicale), archéométrie ; Art et culture ; Technologie et économie ; anthropologie biologique ; archéologie funéraire ; archéologie et sociétés.

Le XVIII^e Congrès mondial de l'UISPP en 2018, accueilli à Paris en France par l'université Paris 1 Panthéon-Sorbonne et avec le soutien de toutes les institutions françaises liées à l'archéologie, comportait 122 sessions, plus de 1800 communications de scientifiques venus de près de 60 pays et de tous les continents.

Les actes du congrès, édités par l'UISPP comme dans des numéros spéciaux de revues scientifiques spécialisées, constitueront un des résultats les plus importants du Congrès.

Marta Azarello
Secretary-General /
Secrétaire général UISPP

Contents

List of Figures	ii
Understanding and accessibility of pre-and proto-historical research issues: sites, museums and communication strategies	1
Davide Delfino and Valentino Nizzo	
Abandonment, rehabilitation and accessibility of open air sites: the case of El Castillar	4
Arróniz Pamplona, L., Sirvent Cañada, L.M., Fonseca de la Torre, H.J., Bayer Rodríguez, X., Meana Medio, L., Pérez Legido, D., Calvo Hernández, C.	
Beyond Museum Walls: The Potential of Untraveled Prehistoric Heritage Sites as Archaeotourism Destinations	10
Patrick M.M.A. Bringmans	
Reality, strategies and projects to Prehistory and Protohistory in the state museums and archaeological sites in the Molise region (Southern Italy).....	21
Viviana Carbonara, Davide Delfino, Annarosa Di Nucci, Leandro Ventura	
Unlocking La Cotte de St. Brélade: making Jersey's Pleistocene heritage accessible.....	34
Peter Chowne, Jonathan Carter	
Parco Archeologico Didattico del Livelet: education, ancient technology and experimental archaeology (Revine Lago, Treviso, Italy).....	41
Marta Modolo, Maura Stefani, Fabio Sartori, Carlo Ingegno, Daniele Magagnin, Angela Bressan, Alessandra Marton, Giulia Conte, Gianmarco Mason, Samantha Rizzotto, Valentina Riva, Francesca Carpené, Carlotta Maniglia, Paola Nardellotto, Marta Meneghini, Erika Follador	
The Temple Machine. A New Communication Model for the Villa Giulia National Etruscan Museum	49
Valentino Nizzo	
Education, dissemination and new technological approaches for a museum opened behind closed doors: the University Museum of Paleontology and Prehistory 'P. Leonardi'	59
Ursula Thun Hohenstein, Alba Pasini, Alessandra Tarter, Chiara Messana, Anna Scalco, Federica Scali, Chiara Camisani Calzolari, Anna Carla Chiarelli, Giovanni Prencipe, Giorgio Poletti, Marco Bertolini	
La carte de visite. Impact formel, contrainte méthodologique et choix impopulaires pour l'Aire mégalithique du Parc archéologique et Musée de Saint-Martin-de-Corléans à Aosta (Italie) : un cas d'étude	70
Gianfranco Zidda, Paola Rolfo Arzarello, Francesca Martinet, Luca Raiteri, Massimo Venegoni, Umberto Di Michele	
Author list	79

List of Figures

L. Arróniz Pamplona <i>et al.</i>: Abandonment, rehabilitation and accessibility of open air sites: the case of El Castillar	
Figure 1. State of abandonment of one of the housing structures prior to the start of the 2017 campaign, and after the 2018 restauration campaign.....	5
Figure 2. Volunteer children learning archaeological techniques.....	7
Figure 3. Guided visit from 2017	8
P.M.M.A. Bringmans: Beyond Museum Walls: The Potential of Untraveled Prehistoric Heritage Sites as Archaeotourism Destinations	
Figure 1. The Veldwezel-Hezerwater Neanderthal Site, Community of Lanaken, Belgium (red contour)	11
Figure 2. The Veldwezel-Hezerwater Neanderthal Site, aerial view (red contour)	13
Figure 3. Levallois refit from the Veldwezel-Hezerwater Site.....	14
Figure 4. People visiting the Veldwezel-Hezerwater Heritage Site	15
Figure 5. Visitors admiring the reconstructed Neanderthal living floor at the Veldwezel-Hezerwater Heritage Site	17
V. Carbonara, D. Delfino, A. Di Nucci, V. Carbonara, D. Delfino, A. Di Nucci, L. Ventura: Reality, strategies and projects to Prehistory and Protohistory in the state museums and archaeological sites in the Molise region (Southern Italy)	
Figure 1. A panoramic view of the Pre-Protohistoric sector of the Samnitic Museum	22
Figure 2. Lithic and bronze materials from the Neolithic/Chalcolithic period to the Final Bronze Age. In middle the Early Bronze Age hoard of Vinchiatura.....	23
Figure 3. Screenshot from the draw-motion video 'Tik & Tuk'	24
Figure 4. 3D model of bronze dagger	25
Figure 5. The National Museum of the Paleolithic of Isernia.....	25
Figure 6. Archaeological area of 'Isernia La Pineta'	25
Figure 7. Room dedicated at the site of Isernia La Pineta, with a portion of original re-enact paleosurface.....	26
Figure 8. The exposition room 'Prehistory in Molise'	27
Figure 9. the Neolithic baby skeleton in the former exhibition	30
Figure 10. the materials from the neolithic settlement of Venafro- Tenuta Nola in the exhibition	30
Figure 11. The Neolithic baby skeleton in the new exhibition	31
Figure 12. the high school 'A. Giordano' during the inauguration of the exposition.....	31
Table 1. Chronological distribution of materials in the permanent exposition of the Samnitic Museum of Campobasso	23
Table 2. Distribution of the chronologies of materials in the deposits of the Archeological Museum of Venafro	29
Table 3. Distribution of the chronologies of materials in the permanent expositions of the Archeological Museum of Venafro	29
P. Chowne, J. Carter: Unlocking La Cotte de St. Brélade: making Jersey's Pleistocene heritage accessible	
Figure 1. Aerial view of La Cotte de St Brélade & Portlet Common	36
Figure 2. General plan of site conservation measures. Failed Slope is a Head deposit, the gabion wall will protect the Pleistocene sediments from storm surges and a rising sea-level.....	39
Figure 3. View along the West Ravine. Security netting has been installed against the unstable rock face. Head deposits are under the black matting, these will be archaeologically investigated over several years	39
M. Modolo <i>et al.</i>: Parco Archeologico Didattico del Livelet: education, ancient technology and experimental archaeology (Revine Lago, Treviso, Italy)	
Figure 1. Satellite image, Google Earth. Lago and Santa Maria lake, municipality of Revine Lago and Tarzo. Province of Treviso, Veneto Region (225 m asl). Contextualisation of Colmaggiore di Tarzo archaeological site and Livelet Park and detail of the two lakes in the glacial valley	42
Figure 2. Particular of the Copper (half on land and half on water) and Bronze Age pile dwelling (on water) reconstruction. The one of Neolithic, not reported in the photo was completely built on the mainland.....	43
Figure 3. Map of Livelet: 1) parking; 2) first building with bookshop and projection room; 3) playground area with barbecue and picnic area; 4) reconstruction of small pile-dwellings used for one of our workshops; 5) burial mound area; 6) pond protected area; 7) hemicycle area with experimental archaeology space; 8) second building with a workshop room and another large room used for workshops that can be divided in two rooms thanks to a sliding door; 9) Neolithic open-air hearth; 10) archaeological excavation area;	

11) small cave with palaeolithic rock-art; 12) birdwatching hut; 13) Neolithic pile-dwelling (on mainland); 14) Copper Age pile-dwelling (half on water and half on land); 15) Bronze Age pile-dwelling (on water).....	44
--	----

V. Nizzo: **The Temple Machine. A New Communication Model for the Villa Giulia National Etruscan Museum**

Figure 1. Villa Giulia: view of the central courtyard towards the nymphaeum.....	50
Figure 2. Villa Giulia: The re-enactment of the sarcophagus of the spouses in presence for the disability day of December 3, 2017.....	51
Figure 3. Villa Giulia: the presentation of the cycle 'Stories of People and Museums'; from the left facing right: A. Campitelli, V. Nizzo, T. Maffei, A. Pinna	52
Figure 4. Villa Giulia: the reconstruction of the Etruscan Italic temple of Alatri built at the end of the 19th century by A. Cozza and at the center of the project 'The Temple Machine'	55
Figure 5. State of fact and reconstruction of the interventions falling on the Riganti's Tanneries of Villa Poniatowski.....	56

U. Thun Hohenstein *et al.*: **Education, dissemination and new technological approaches for a museum opened behind closed doors: the University Museum of Paleontology and Prehistory 'P. Leonardi'**

Figure 1. Location of the 'P. Leonardi' Paleontology and Prehistory Museum in Italy (A) and in Ferrara (B). View of the Quadrivio degli Angeli and location of Palace Turchi di Bagno (C). Palace Turchi di Bagno (D). Vertebrate Paleontology (E) and Prehistory (F) rooms.....	61
Figure 2. Pictures from educational and dissemination workshops concerning Paleontology, Anthropology and Prehistoric Archaeology.....	65
Figure 3. Elaboration of a Gigapixel image and final result (A). Pictures from the virtual tour of the 'P. Leonardi' Paleontology and Prehistory Museum realized via cospaces (B)	67

G. Zidda *et al.*: La carte de visite. Impact formel, contrainte méthodologique et choix impopulaires pour l'Aire mégalithique du Parc archéologique et Musée de Saint-Martin-de-Corléans à Aosta (Italie) : un cas d'étude

Figure 1. Saint-Martin-de-Corléans. Aire archéologique.....	71
Figure 2. Saint-Martin-de-Corléans. Traces de labour	72
Figure 3. Saint-Martin-de-Corléans. Puits	73
Figure 4. Saint-Martin-de-Corléans. Trous de poteaux	73
Figure 5. Saint-Martin-de-Corléans. Stèles	74
Figure 6. Saint-Martin-de-Corléans. Dolmen.....	74

Understanding and accessibility of pre-and proto-historical research issues: sites, museums and communication strategies

Davide Delfino¹, Valentino Nizzo²

¹ Ministero per I Beni e le Attività Culturali- Polo Museale del Molise/ Geosciences Centre of University of Coimbra/ UNESCO Chair in Humanities and Cultural Integrated Landscape Management, Polytechnic Institute of Tomar

² Ministero per I Beni e le Attività Culturali- Director of Museo Nazionale Etrusco di Villa Giulia

According to various definition of ‘prehistoric’ archaeology, it can be defined as ‘Times before history’ (Tournal 1833), ‘Past cultures that did not leave a written record of their activities’ (Society of American Archaeology list) (Egloff 2019: 3). In the same sense, the definition of the protohistory has been formulated in different ways: first, ‘Because of the existence in some but not all societies of historical writing during the first millennium BC, the period has often been termed protohistoric instead of prehistoric’ (Taylor 1994), or to the Europe ‘the period or stage of human development or of a particular culture immediately prior to the emergence of writing’ (Collins dictionary) or to the America ‘archaeological history in the period immediately preceding recorded history’ (Collins dictionary). In the classical European view, prehistory and protohistory are not true history, since they lack in historical sources (writing). In the American vision these two periods are true history, but without writing. It is a history made of material, technological, artistic, behavioral testimonials, and other data sources. Precisely these characteristics of the two periods, are an advantage and a disadvantage in its disclosure in the museums: for one hand the charm of such remote periods that do not have the written sources to tell them, can be a stimulus to the public. For other hand the lack of the writing hinders the possibility of knowledge by the general public, because it takes away from the everyday reality of today’s people the reality of the men and women of Prehistory and Protohistory. A possible and useful connection between the actual day-to-day and the reality of the prehistory and protohistory are the link between technology and society, within the human behavior (Oosterbeek 2012).

Based on these considerations, we want examine the problems of attractiveness and easy conceptual accessibility to prehistoric and protohistoric Heritage, except those sites or those discoveries that are in themselves attractive because they are famous or monumental (the group of caves of Atapuerca, the painted Upper Paleolithic painted Franco-Cantabric caves, the cromlech of Stonehenge, the Mycenaean citadels, the Etruscan necropolis, or the Celtic and Celtiberian hillforts). Or we want take in account the problems in the disclosure of the pre and protohistoric materials in the museums collections. To one hand several sites are not monumental, often they are difficult in maintenance and visibility in extra-urban places. To other hand several materials in museums, above all the ‘non artistical’ are for the most part difficult to understand by their very nature: putting themselves in the shoes of the average visitor, these are ‘incomprehensible but fascinating fragments of stone’ (flint tools), ‘beautiful ceramics but often monotonous’ (vascular forms), or ‘weapons and tools of color captivating green color’ (bronzes); if the scientific datum, which is the ‘writing source’ that is missing from the Prehistory and Protohistory, it is not transmitted incisively and within the reach of a non-specialist public, the sites and the materials they will always remain difficult to understand. In the parts of the world where the anthropological approach is put in the foreground with respect to the historical-cultural one, bringing concepts of prehistoric archeology closer to today, for public disclosure, is easier, since there are still traditional societies to refer (Silva Noelli 2004; Jubainski 2016). Also in most of the Countries where the need to make archaeological data more anthropological, at

the base of public archeology is the complete and comprehensible transmission of scientific data (Mariano, Conforti 2013; Oliveira Eneas 2018). Archaeology, since being a science that has several constraints such as the alienation from the non-scientific world, the ability to involve the current society, the valorization of the intangible, which compromises its accessibility to the public (Delfino, Oosterbeek, Almeida 2015). On the other hand, as David Clarke well summarized since 1973: 'Archeology in essence then the discipline with the theory and practice for the recovery of unobservable hominid behavior patterns from indirect traces in bad samples' (Clarke 1979: 100).

The questions raised in this volume are therefore: how to make the results of scientific research in museum collections and in prehistoric sites closer to the day-to-day reality of the average public? What kind of problems do we meet to disseminate our research? How do we interface with the local community? Which solutions to improve the communication of scientific data? These questions were attempted to answer with the following colleagues:

Thun, Pasini, Tarter, Messana, Scalco, Scali, Camisani Scalzi, Chiarell, Prencipe and Poletti, in the paper 'Education, dissemination and new technological approaches for a museum opened behind closed doors: the University Museum of Paleontology and Prehistory "P. Leonardi"', present a new project to the paleontological museum 'P. Leonardi', after its damage during the earthquake of 2012, using new technologies and involving directly students of Master Degree.

Bringmans, in the paper 'Beyond Museum Walls: The Potential of Untraveled Prehistoric Heritage Sites as Archaeotourism Destinations', show a perspective of a form of cultural tourism, which aims to promote public interest in archaeological sites, creating Archaeotourism, specifically to the prehistoric sites.

Chowne and Carter, in the paper 'Unlocking La Cotte de St. Brélade: making Jersey's Pleistocene heritage accessible' show study, protection and enhancement of the Middle Pleistocene site of La Cotte de St. Brélade, only possible because the site is considered as an integral part of Jersey's historic environment communication, education and tourism development strategies.

Modolo, Stefani, Sartori, Ingegno, Magagnin, Bressan, Marton, Conte, Mason, Rizzotto, Riva, Carpené, Maniglia, Nardellotto, Meneghini and Follador in the paper 'The Livelet Park: education, didactic and experimental archaeology (Revine Lago, Treviso, Italy)', show the Livelet Archaeological Park project to promote lakes history and environment around the prehistoric remains found in Colmaggiore di Tarzo.

Arróniz Pamplona, Sirvent Cañada, Fonseca de la Torre, Bayer Rodríguez, Meana Medio, Pérez Legido and Calvo Hernández in the paper 'Abandonment, rehabilitation and accessibility of open air sites: the case of El Castillar', show a new project to restore and protect the protohistorical settlement of El Castillar (Mendavia, Navarre, Spain) after the lack of maintenance and visitors resulted on the abandonment of the settlement in 1990s.

Carbonara, Delfino, Di Nucci and Ventura, in the paper 'Reality, strategies and projects to prehistory and protohistory in the state museums and archaeological sites in the Molise region (southern Italy)' show a museographical strategies to enhance proto-historic collections in museums with a prevalence of collections from other chronologies, and the Paleolithic site, and its materials, of Isernia la Pineta which is an integral part of the National Paleolithic Museum of Isernia, involving the local communities, youth and the disabled public.

Nizzo, in the paper 'The Temple Machine. A New Communication Model for the Villa Giulia National Etruscan Museum' show a projet developed in the main permanent exhibition of Etruscan collection in Italy, according to the educational role of the museums and the new perspective of disclosure of the scientific data in the museum since the system of management

and communication of national cultural heritage introduced by the Italian Ministry of Cultural Heritage and Activities.

References

- Clarke, D. 1979. *Analytical Archaeologist. Collected papers of David L. Clarke*, London, New York, San Francisco: Academic Press.
- Collins dictionary (<https://www.collinsdictionary.com/dictionary/english/protohistory>), consulted in 15/12/2018.
- Delfino, D., Oosterbeek, L., Almeida, N.J. 2015. Yes, we can! Scientific Research and Public Archaeology between the Public and Private Sectors in Central Portugal, In Musteata, S., Calinuic, S. (eds) *Current Trends in Archaeological Heritage Preservation: National and International Perspectives*, B.A.R. International Series 2741, Oxford: Archaeopress, 45-54.
- Egloff, B.J. 2019. *Archaeological Heritage Conservation and management*, Oxford: Archaeopress.
- Jubainski, R. 2016. Educação Patrimonial e Arte Indígena, *Revista do Círculo de Estudos Bandeirantes*, 29, 5-6.
- Mariano, C.I., Conforti, M.E. 2013. Del registro al Patrimònio. Un camino con curva cerradas. Gestión del patrimonio y comunicación pública de la ciencia, *Revista Colombiana de Antropología*, 49, 1, 279-300.
- Oliveira Eneas, P.E. 2018. Educação Patrimonial e Arqueología Preventiva: Uma experiência com a comunidade de Pitangueiras, Prados/MG, *Revista de Arqueología Pública*, 12, 2, 141-160.
- Oosterbeek, L. 2012. Tecnologia, Memória e Gestão Integrada do Território: uma nova função social da arqueologia, In Oosterbeek, L., Cerezer, J.F., Bitencourt, J., Zocche, J. (eds) *Arqueología Ibero-Americana e Arte Rupestre*, Arkeos 32, Tomar: CEIPHAR, 29-34.
- Silva Noelli, F. 2004. Educação patrimonial: relatos e experiências, *Educação e Sociedade*, vol. 25, n.º 89, 1413-1414.
- Taylor, T. 1994. Thracians, Scythians and Dacians, In Cunliffe, B. (ed.) *The Oxford Illustrated Prehistory of Europe*, Oxford: Oxford University Press, pp. 373-410.
- Tournal, P. 1833. Considerations générales sur le phénomène des cavernes à ossemens, *Annales de Chimie et de Physique*, 52, pp. 61-81.