

## TABLE OF CONTENTS

### Part I

#### WS28 – Defining a methodological approach to interpret structural evidence

Defining a methodological approach to interpret structural evidence: an introduction .....	3
<i>Fabio Cavulli</i>	
Scant structural evidences of Mesolithic sites in High Alpine regions .....	5
<i>Walter Leitner</i>	
U-shaped scatters: struggling between theoretical models and archaeological facts .....	13
<i>Matteo Pilati</i>	
Unearthing the hearths. Preliminary results on the Takarkori rockshelter fireplaces (Acacus Mts, Libya).....	23
<i>Stefano Biagetti, Giansimone Poggi, Savino di Lernia</i>	
Structures d'habitat nord-africaines: la fouille de la rammadiya côtière holocène de SHM-1 (Hergla, Tunisie).....	31
<i>Simone Mulazzani, Fabio Cavulli, Valentina Azzarà, Simona Scaruffi, Ridha Boussoffara</i>	
Infilling processes of large pit features at Catignano – Neolithic (Italy) .....	43
<i>Giovanni Boschian, Marta Colombo</i>	
Experimental archaeology as a methodology to understand the formative processes of 'pits' .....	51
<i>Fabio Cavulli</i>	
Invisible features and the uses of indirect evidence .....	69
<i>Dragos Gheorghiu</i>	
Sleeping, eating, meeting, working: problems and methods in the study of structures in southern Italy settlements during the Bronze Age.....	75
<i>Alberto Cazzella, Giulia Recchia</i>	

### Part II – Archaeometry

Preface .....	85
<i>M. Isabel Dias, M. Isabel Prudêncio</i>	

**C69 – Luminescence Dating Techniques: a User’s Perspective**

Luminescence dating applied to stratigraphic definition of pre-historic occupations

in urban contexts (Lisbon, Portugal) ..... 89

*M.I. Dias, R. Marques, G. Cardoso, M.I. Prudêncio and A.C. Valera*

Luminescence dating of a fluvial deposit sequence: Ribeira da Ponte

da Pedra – Middle Tagus Valley, Portugal ..... 101

*M.I. Dias, M.I. Prudêncio, D. Franco, S. Cura, S. Grimaldi, L. Oosterbeek  
and P. Rosina*

Luminescence date and archaeological ages: An epistemology

of the luminescence dating ..... 113

*Antoine Zink***C70 – Archaeometry – Characterization of Pottery. Sampling and Analytical****Protocols, and Data Interpretation**

Funerary Pottery in the Late Neolithic: Los Churuletes, Purchena Almería ..... 119

*Aixa Vidal and Ruth Maicas*

Phase and Chemical Composition Analysis on Cucuteni Neolithic Painted Ceramics

Sherds Using SR-XRD – A Promising Tool in Ancient Pottery Research ..... 129

*R. Bugoi, B. Constantinescu, E. Pantos, D. Popovici***C71 – The Contribution of Archaeometry to the Understanding of Bell Beakers****Phenomenon**

Pottery production during the Late Iberian Chalcolithic period: insights from the

mineralogical and chemical analyses of Spanish Middle Guadiana River Basin

(Badajoz, Spain) Bell Beaker pottery ..... 139

*Carlos Odriozola*