

## CONTENTS

### PROCEEDINGS OF THE CONFERENCE EMAC'07 BUDAPEST - VESSELS: INSIDE AND OUTSIDE

24-27 OCTOBER 2009

<b>PREFACE</b>		3-4
<b>METHODOLOGICAL DEVELOPMENT</b>		
Greene A., Hartley, C.	From analog to digital: protocols and program for a systematic digital radiography of archaeological pottery	5-14
Hein, A., Müller, N.S. Kilikoglou, V.	Great pots on fire: thermal properties of archaeological cooking ware	15-20
Mara H., Trinkl E., Kammerer P., Zolda E.	3D-acquisition of Attic red-figured vessels and multi-spectral readings of white ground <i>Lekythoi</i> in the <i>Kunsthistorisches Museum</i> Vienna	21-28
Daszkiewicz M., Schneider G., Haeser J., Bobryk E., Baranowski, M.	Possibilities and limitations of macroscopic determination of pottery fabrics in the field	29-36
Ikäheimo J.P., Peña J.T.	The Palatine East Pottery Project: a holistic approach to the study and publication of an excavated pottery assemblage from Rome	37-42
Kasztovszky, Zs., Biró, K. T., Gherdán, K., Botti, A., Sodo, A., Sajo-Bohus L.	Applicability of Prompt Gamma Activation Analysis to Archaeometry of Pottery	43-46
Mihály, J., Komlósi, V., Tóth, A., Tóth, Zs., Ilon, G.	Vibrational spectroscopic study of pigment raw materials and painted ceramics excavated at Szombathely-Oladi plató, Hungary	47-52
<b>PRODUCTION / DISTRIBUTION / TRADE</b>		
Muntoni M.I., Eramo G., Laviano R.	Production of mid-late neolithic 'Serra d'Alto' ware in the Bradanic Trough (South-Eastern Italy)	53-62
Odrizola, C.P., Pérez, V.H. Dias M.I., Valera A.C.	Bell Beaker production and consumption along the Guadiana river: an Iberian perspective	63-70
Taubald H.	Archaeometrical analysis of Neolithic pottery and comparison to potential sources of raw materials in their immediate environment – an overview	71-76
Vila, L., Buxeda i Garrigós, J., Kilikoglou, V., Hein, A.	Roman amphorae around the change of era: production and consumption patterns in the north-east of the Iberian Peninsula	77-82
Dias, M. I., Viegas, C., Gouveia, M. A., Marques, R., Franco, D., Prudêncio, M. I.	Geochemical fingerprinting of Roman pottery production from Manta Rota kilns (Southern Portugal)	83-90

Holmqvist, V.E.	Ceramic production traditions in the Late Byzantine–Early Islamic transition: a comparative analytical study of ceramics from Palaestina Tertia	91-96
Ambrosini L., Felici A.C., Fronterotta G., Piacentini M., Vendittelli, M.	Non destructive analysis of a red figure vase of uncertain attribution from Falerii Veteres	97-102
Brodà Y., Cannavò V., Govi, E., Levi S.T., Marchetti Dori S., Pellacani G.	Bronze Age Terramare pottery from Northern Italy – Exercises in experimental reproduction	103-110
Odriozola, C.P., Sanjuán L.G., Dias M.I., Wheatley, D.W.	A preliminary approach from material science to Copper Age funerary pottery in Southern Iberia: the Palacio III (Sevilla, Spain) <i>Tholos</i> tomb.	111-118
Odriozola, C.P., Pérez V.H.	The two sides of the Guadiana: inlaid pottery from the 3 <sup>rd</sup> millennium BC alongside the Guadiana River (Spain and Portugal)	119-122
Schneider G., Daszkiewicz M., Zsidi P., Ujlaki Pongracz Zs.	Analyses of Roman pottery and lamps from Aquincum and Intercisa	123-132
Schubert C., Pernicka, E.	Provenance studies on Trojan Late Bronze Age fine wares from Troy and its neighbourhood using Neutron Activation Analysis (INAA)	133-138

#### **DATING POTTERY**

Blain S., Guibert P., Bouvier A., Sapin Ch., Prigent D., Baylé M.,	Ceramic building material dating applied to Early Medieval building archaeology in North-Western France	139-144
--	---	---------

#### **POTTERY AS CONTAINERS**

Müller, N.S., Kilikoglou, V., Day, P.M., Hein, A., Vekinis, G.	The influence of temper on performance characteristics of cooking ware ceramics	145-150
Cottica D., Mazzocchin G.A.	Pots with coloured powders from the Forum of Pompeii	151-158
Olcese G., Thierrin-Michel, G.	Graeco-Italic amphorae in the region of Ostia: archaeology and archaeometry	159-164

#### **CERAMICS AS BUILDING MATERIALS**

Starnini E., Szakmány Gy.	Besides vessels: investigating Early Neolithic fired clay artefacts from Hungary	165-172
Capelli C., Cabella R., Piazza M.	Mineralogical and petrographic analyses of tiles ( <i>tegulae</i> ) from the Late Roman necropolis of Priamar, Savona (Liguria, NW Italy)	173-178
Kovács, T., Szakmány, Gy., T. Biró, K., Tóth M.	Daub: between pottery and sediment	179-186

#### **CERAMICS IN CONSERVATION**

Nel P.	Issues associated with adhesives used on archaeological pottery	187-196
--------	---	---------

**SLIPS AND GLAZES**

Pacheco, C., Chapoulie, R., Dooryhee, E., Aucouturier, M., Bouquillon, A., Makariou, S., Miroudot, D.	Gilded Medieval Islamic glazed ceramics: production process and evolution in the Iranian World (12 <sup>th</sup> -13 <sup>th</sup> c.) and the Timurid Empire (14 <sup>th</sup> -15 <sup>th</sup> c.)	197-206
Maggetti M., Morin D., Serneels V	High-Mg faiences from Granges-le-Bourg (Haute Saône, France)	207-216
Ricciardi, P., Amato, F., Colombari, Ph.	Raman spectroscopy as a tool for the non-destructive characterization of slips and glazes of a “sgraffito” Renaissance production	217-222
Amato F., Ercolani G., Fabbri B., Gualtieri S.	Chemical classification of the slip layers in Italian ceramics of the 15 <sup>th</sup> -17 <sup>th</sup> century	223-230

**PETROGRAPHIC ASPECTS TO THE STUDY OF POTTERY**

Vince A.	Pottery supply over three millennia: petrological and geochemical ceramic characterization at Melton, East Yorkshire, UK	231-240
Jorge A., Day P.M., Dias I.	Technological choices at the onset of the Iberian Bronze Age: pottery from the Mondego Plateau, Portugal	241-246
Bezeczky T., Mange M.A.	New petrographic data of the Laecanius and imperial workshop in Fažana (Istria, Croatia)	247-254
Gregor M., Čambal, R.	Preliminary mineralogical and petrographic study of La Tène household ceramics from Bratislava's oppidum (Slovakia)	255-264
Gherdán, K., Horváth, T.	Petrographic investigation of the finds of Balatonőszöd-Temetői dűlő Baden settlement	265-276

**AUTHOR INDEX**

277-278

**LIST OF PARTICIPANTS**

279-286

**CONTENTS**

287-290

**SUPPORTERS OF THE MEETING & PROCEEDINGS**

291-295



