CELEBRATION OF

AVGVSTVS' BIMILLENNIUM

AD NATIONES. ETHNOUS KALLAIKON

HOMAGE TO MARIA HELENA DA ROCHA PEREIRA

10TH - 12TH SEPTEMBER 2014
BRAGA | ESPOSENDE

10TH -11TH SEPTEMBER

INTERNATIONAL CONGRESS

SOUTHERN *CALLAECIA* IN AUGUSTUS' TIME

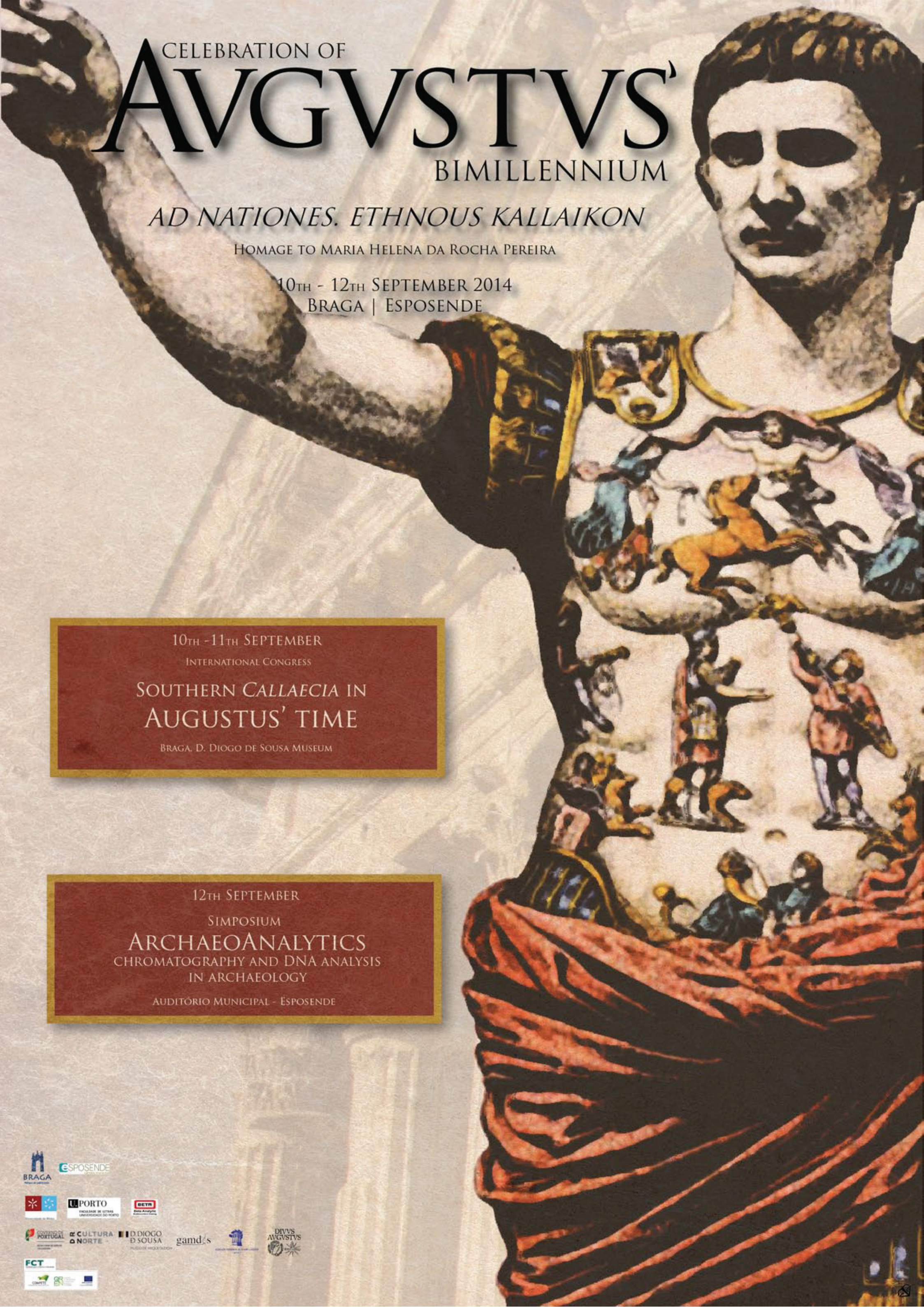
BRAGA, D. DIOGO DE SOUSA MUSEUM

12TH SEPTEMBER

SIMPOSIUM

ARCHAEOANALYTICS
CHROMATOGRAPHY AND DNA ANALYSIS IN ARCHAEOLOGY

AUDITÓRIO MUNICIPAL - ESPOSENDE

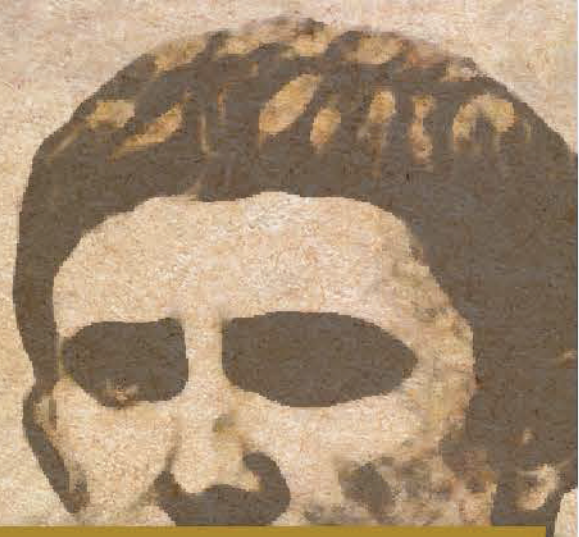


Simposium

ArchaeoAnalytics

chromatography and DNA analysis in archaeology

12th September
Auditório Municipal - Esposende



12th September

Invited speakers

9:30h Nicolas Garnier
History, principles, chemical markers and methods of chemical and physico-chemical analysis

10:15h M. Woodworth, J. Baeten, D. Bernal, M. Bonifay, N. Garnier, S. Keay, A. Pecci, J. Poblome, M. Pollard, F. Richez, A. Tchernia, A. Wilson
CORONAM Project: first results on the content of African Keay 25 amphorae.

Coffee break

Presentations

11:30h Dario Bernal
What are we characterizing? Case studies of Roman Pottery use and reuse.

11:50h Ángel Morillo Cerdán, Rosario García Giménez, Rui Morais
Chemical analysis of organic residue from Dressel 28 amphorae from the Roman Camp of León.

12:10h Ana Manhita, Sérgio Martins, Marco Gomes da Silva, Conceição Lopes, Rafael Alfenim, Inês Vaz Pinto, Cristina Barrocas Dias
Organic residue analysis of Roman amphorae from Southern Iberia.

12:30h C. Sanz-Mínguez, A.C. Prieto, M. Avella, J. Pico, J. Bernal
Characterization of "viáticas" offerings from Vaccaei female aristocratic tombs. Necropolis of "Las Ruedas", Pintia (Padilla de Duero/Peñafiel, Valladolid, Spain)

Discussion

Lunch

Invited speakers

15:00h Catherine Hänni
Ancient DNA but recent tools for archaeological analyses.

15:45h Simon Davis, Anders Götherström, Elisabete Pires, Emma Svensson, Catarina Ginja, Cleia Detry, Umberto Albarella
Molecular and osteometric sexing of cattle metacarpals agree - evidence for Christian improvement of cattle in Portugal.

Coffee break

Presentations

17:00h Monica Landi, Alfredo Araújo, Filipe Costa, Hugo Oliveira, César Oliveira, Rui Morais, João Pedro Bernardes
Ancient DNA in archaeological fish remains from the south of Portugal.

17:20h Raquel Matoso Silva, Mim Bower, Cristina Luís
Tracing the history of the horse in Iberia and north Africa through ancient DNA.

17:40h Sónia Gabriel
Salting and fish sauce production. An archaeozoological perspective.

18:00h Elisabetta Cilli
Genetic analysis of the population of Roccapelago - Modena (Italy) from the XIV to the XVI century.

Discussion

Presentation of the results of chemical analysis of organic residue found in the amphorae from the roman shipwrecks of Esposende

Closing session

Honorable Mayor of Esposende, Arch. António Benjamim da Costa Pereira
Honorable Mayor of Braga, Dr. Ricardo Rio
Dr. César Oliveira, Chemistry Center of the University of Minho

Posters

César Oliveira and Sérgio Rodrigues

Chemical analysis of organic residues found in a megalithic context in Castelo de Vide (Alto Alentejo – Portugal).

César Oliveira, Rui Morais, Maria José Sousa and João Pedro Bernardes

Analysis of honey residues found on honey pot sherds and bee hives.

Hugo Oliveira

Analysis of DNA recovered from archaeological plant remains and museum collections: applications, methods and the impact of novel genomic technologies.

Pedro Pereira and Tony Silvino

Chemical analysis of the production of roman wine in the Douro Valley.

Ana Manhita, Sérgio Martins, Mariana Moreira, Maria da Conceição Lopes, Marco Gomes da Silva and Cristina Barrocas Dias

On the study of the organic content of High Empire pottery from Beja's Castle.

Simão Morgado, César Oliveira e Rui Morais

Etno-archaeological study of open topped oil lamps. Chemical analysis results.

César Oliveira, Rui Morais, Alfredo Araújo, Adolfo Fernández

Fish amphorae from the Atlantic front.

César Oliveira, Virgílio Correia, Ida Buraca, Ricardo Triães

Results of chemical analysis applied to local amphorae from the roman city of Conimbriga.

Organizaton Committee

César Oliveira
Chemistry Centre of the University of Minho

Rui Morais
UI&D/CECH – University of Coimbra
Faculty of Letters of the University of Porto

Maria José Sousa
D. Diogo de Sousa Archaeology Museum

Carlos A. Brochado Almeida
DCTP – Faculty of Letters of the University of Porto

Hugo Oliveira
CIBIO – University of Porto

Mónica Landi
Centre of Molecular and Environmental Biology of the University of Minho

Pedro Pereira
CITCEM (FCT)
UMR5138 Archéologie et Archeonometrie (CNRS)

Adolfo Fernández
UI&D/CECH – University of Coimbra

Support Committee

Ivone Magalhães
Museum services
City Council of Esposende

Ana Paula Brochado
Cultural Patrimony services
City Council of Esposende

Iwona Kuzniarska-Biernacka
Chemistry Center of the
University of Minho

Contact and Informations:

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