



For the past twenty years, archaeometallurgy has developed substantially, as did the archaeometry of archaeological metals. Regarding the complexity of the understanding, during the excavations, of the sites, structures and data related to ancient metallurgical techniques, experimentation may be an appropriate way of generating new methodologies or interpretations. It can be construed as an effective mean for testing or validating the artefacts and the technical devices. The conference aims at taking stock of the inputs and limits of experimentation in these fields.

The first day will be devoted to pharaonic Egypt and the major steps in antique metallurgy, from extraction to final production.

Through multidisciplinary presentation on case studies about European and African archaeology, and through workshop sessions, the second day will be more specifically dedicated to the epistemology of experimental archaeology.



PLACE

Royal Museums of Art and History
Parc du Cinquanteenaire, 10
1000 Bruxelles

REGISTRATION FEE

5 euros
Free for students,
unemployed and pensioners

Mandatory registration, on
the website www.eacom.be

The conference is organized by the BRAIN Project *Egyptian and African Copper Metallurgy* (EACOM), the Royal Museums of Art and History, the contact group of the FNRS *Arts et Techniques métallurgiques pré-industriels. Étude et conservation*, and the CReA-Patrimoine - Université libre de Bruxelles.



International Conference

Non-ferrous Metals Metallurgy and Experimental Archaeology

3-4 October 2015



SATURDAY 3 OCTOBER - CONFERENCE

FROM ORE REDUCTION TO THE MAKING OF BRONZE IN EGYPT: THE INPUT OF EXPERIMENTAL ARCHAEOLOGY

MORNING (09h30: Registration)

Chair: Luc DELVAUX (Brussels, MRAH)

10h00: Welcome

10h15: Welcoming address by Alexandra De Poorter, General Director a. i. of the Royal Museums of Art and History

10h30: Florian TEREYGEOL (Orléans, IRAMAT)
Historiographie et recul critique par rapport à l'archéologie expérimentale

10h45: Georges VERLY, Bruxelles (EACOM - MRAH)
Une méthodologie de l'archéologie expérimentale ?

10h55: *Case study: la métallurgie égyptienne du Moyen Empire. Recherches récentes*

11h35: Erez BEN-YOSEF (Tel Aviv, Tel Aviv University)
Le projet de la Vallée centrale de Timna (CTV) : une recherche multidimensionnelle dans la production de cuivre à l'Âge du Fer dans le sud du Levant

11h50: Questions

12h00: Lunch

AFTERNOON

Chair: Eugène WARMENBOL (Brussels, ULB)

13h30: Frederik RADEMAKERS (Leuven, EACOM - KU Leuven)
Bronze production in Pi-Ramesse: Crucible and Metal Evidence

13h55: Thomas FAUCHER (Orléans, IRAMAT)
La chaîne opératoire de la production de l'or : expérimentations autour du site de Bi'r Samut (Désert oriental, Égypte)

14h20: Questions

14h30: Coffee Break

14h45: Poster session: presentation session

15h45: Johannes AUENMÜLLER (Munster, Westfalian Wilhelms University)
Late Period Bronze Casting: The Workshop Artifacts from the Qubbet el-Hawa (Aswan, Egypt)

16h10: Anne DEVILLERS (Bruxelles, MRAH)
Presentation of the EACOM project

16h40: Questions and conclusions

SUNDAY 4 OCTOBER – WORKSHOP

THE METHODOLOGY OF EXPERIMENTAL ARCHAEOLOGY

MORNING (09h30: Registration)

Chair: Sébastien CLERBOIS (Brussels, ULB)

10h00: Welcome

10h15: Sébastien CLERBOIS (Brussels, ULB)
Experimental Archaeology in debate? Questions and perspective

10h30: Florian TEREYGEOL (Orléans, IRAMAT)
Les expérimentations d'Aulus-les-Bains

10h45: Coffee Break

11h10: Béatrice CAUJET (Toulouse, Université de Toulouse II - TRACES)
Les expérimentations autour de l'or archéologique

11h25: Nicolas THOMAS (Paris, Inrap), David BOURGARIT (Paris, C2RMF), Jean DUBOS (Paris, Académie des Beaux-Arts), Lise SAUSSUS (Louvain-la-Neuve, FNRS - UCL), Jean PLUMIER (Namur, Région wallonne - SPW), Marie VERBEEK (Namur, SPW), Laurent VERMARD (Paris, Inrap)
Expérimenter pour quoi faire ? Autour des laitons et autres alliages à base de cuivre au Moyen Âge dans la vallée de la Meuse

11h35: Workshop

12h00: Lunch

AFTERNOON

13h30: Jürgen HECKES (Bochum, Deutsches Bergbau-Museum), Florian TEREYGEOL (Orléans, IRAMAT)
Photogrammétrie de mines et sauvegarde du patrimoine

13h45: Athena VAN DER PERRE (Bruxelles, MRAH)
Going underground: documentation of chisel marks in subterranean limestone quarries of the Amarna Period

14h00: Hendrik HAMEEUW (Brussels, MRAH - KU Leuven)
Registration and Safeguarding Data in the Field and in the Museum, Some Strategies

14h15: Workshop

14h45: Coffee Break

15h00: Nicolas NIKIS (Brussels, FNRS - ULB), Laurence GARENNE MAROT (Brussels, EACOM - MRAC), Georges VERLY (Brussels, EACOM - MRAH)
Un apport de l'ethnographie à l'archéologie expérimentale ? Réflexions à partir de la production de cuivre au début du 20^e siècle au Katanga (RDC)

15h15: Deborah SCHORSCH (New York, The Metropolitan Museum of Art)
Max Fröhlich's Garden: Learning the Art and Craft of Traditional West African Lost-wax Casting

14h15: Workshop

Chair: Frederik RADEMAKERS (Leuven, EACOM - KU Leuven)

15h50: Workshop conclusions and case studies

