

HMS Research In Progress Meeting 2019

15 November 2019

Seminar Room, McDonald Institute, University of Cambridge

9:00-9:30 **Registration with tea and coffee**

9:30-10:30 **Welcome & Keynote**

Understanding iron production at Meroe, Sudan: new insights and ongoing challenges

J. Humphris

10:30-10:40 **Break**

SESSION 1

10:40-11:00 *Documenting the copper trade in Central Africa during 2nd millennium AD. Recent research and ongoing project*

N. Nikis, F. Rademakers and T. De Putter

11:00-11:20 *Non-invasive characterization of nuragic bronzes through neutron diffraction*

M. Cataldo, A. Scherillo, F. Grazi and R. Brunetti

11:20-11:40 *The Nature of Ferrous Pyrotechnology of the Blihun Hanben Site, Taiwan*

J-Y. Liu

11:40-12:00 *From the furnace to the battlefield: The casting and firing of medieval cannon Part 2: Using the reveratory furnace*

K. Smith and P. Vemming

12:00-13:00 **Lunch**

SESSION 2

13:00-13:20 *Recent studies on Oriental swords by neutron diffraction*

A. Williams, D. Edge and A. Bujl

13:20-13:40 *Copper and tin bronze metallurgy on the Late Bronze Age site of Semiyarka (Kazakhstan)*

S. Amirova and M. Radivojević

13:40-14:00 *Controls on the development of hammerscale: metal, fuel and flux*

T. Young

14:00-14:20 *Burghmote horns - 'at the blowing of the brazen horn' Preliminary Investigations*

L. Bacon

14:20-14:50 **Coffee Break**

SESSION 3

14:50-15:10 *'Peaceful' Minoans, 'Warlike' Mycenaeans and their Precious Metal Vessels: A Reassessment of a Tired Cliché*

S. Aulsebrook and C. Clarke

15:10-15:30 *The Search for Tudeley Ironworks – an Introduction to a Study of Medieval Iron Production in the Weald*

J. Cranfield

15:30-15:50 *Metal technology in Iron Age weapons of the Iberian Peninsula (Project IBERIRON)*

M. Gener-Moret

15:50-16:00 **Break**

16:00-16:30 **Closing remarks & student prices**

M. Martín-Torres and members of the HMS Committee