



Historical Metallurgy Society Research in Progress Meeting

Tuesday the 29th November, 2016

Department of Metallurgy and Materials Building, University
of Birmingham



9.20-9.50

Registration with tea/coffee

9.50-10.00

Introduction & welcome

10.00-10.20

Umberto Veronesi, Miljana Radivojević, Antonina Ermolaeva, Albina Eržanova

Bronze Age Metal Production in the site of Taldysaj, central Kazakhstan

10.20-10.40

Raphael Hermann

Unlocking Bronze Age Swordsmanship

10.40-11.00

Steffan Golby

Regional variation in iron production practices in the English Iron Age

11.00-11.20

Elisa Grassi

Metalworking in the medieval town: the case of San Tommaso in Pavia



Break 11.20-11.50

11.50-12.10

María Teresa PLaza

Technology, use and reuse of gold in San Pedro de Atacama, northern Chile: The case of Casa Parroquial

12.10-12.30

Jasmine Vieri

Regional and Temporal Patterns in the Composition of Pre-Columbian Goldwork

12.30-12.50

Yi-Ting Hsu

Analysis of cupels and minting materials from the late medieval Mint of Porto (Portugal)



Lunch and poster session 12.50-14.00

14.00-14.20

William Hawkes

Silver cleaning with saponin project

14.20-14.40

Andy Cuckson, David Poyner and Mike Shaw

Lead and Silver in South West Shropshire

14.40-15.00

Martin Roberts

Alloys Used by London Pewterers in the 16th Century: emerging evidence from the analysis of pewter from recent shipwreck excavations

15.00-15.20

Peter King

Shadrach Fox and greensand ironfounding

15.20-15.40

Kay Smith

South-east Asian cannon project



Break 15.40-16.00

16.00-16.40

Keynote speaker
Prof Murakami

New fieldwork on the transmission of iron technology across Asia – Kazakhstan to Japan, via Siberia, Mongolia, and China

16.40-16.50

Final Words



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Posters will be on display throughout the meeting and a dedicated poster session will be held during the extended lunch break.

Poster presentations (TBC)

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|----------------------------------|--|
| Ben Price | 3D scanning of Iron Age mould fragments and the recreation of the resulting artefact using 3D printing (TBC) |
| Ethan Greenwood | The iron industry of the weald (TBC) |
| Joan Unwin and
Marion Unwin | Ultrasonic non-destructive investigations of the internal structure of metal artefacts: multiple layers and complex interfaces |
| Hector Cole and
Richard Henry | Forging an archaeological copy of a miniature Roman sword |
| Yasufumi Sasazawa | Experimental reconstruction of a 6 th century Japanese box-type iron furnace |
| Seiji Manabe | An Asian box-type steel furnace of the 17th - 19th century |



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