**New Light on Old Metal**

**Saturday 24 February 2018**

**10:00 – 17:00**

**Auditorium, Level 1, National Museum of Scotland**

This symposium brings together national and international experts in the field of

ancient metalwork to showcase cutting edge archaeometallurgy research and

explore how and why metals should be preserved and interpreted.

*In partnership with Trimontium Museum Trust*

from 09:30 Registration at the Auditorium, level 1. Entry via Lothian Street.

10:00 Welcome and Introductions

10:05 **Techniques in archaeometallurgy**

Sabine Klein, Deutsches Bergbau-Museum, Bochum

10:30 **Archaeology of early mining in Scotland**

John Pickin, John Pickin Archaeology

10:55 Tea, coffee and biscuits served in Events Space.

11:15 **Scientific studies of ancient mining and its impact**

Tim Mighall, University of Aberdeen.

11:40 **Lead isotope analysis of Roman sling bullets**

Regine Müller, Independent Researcher, Frankfurt.

John Reid, Trimontium Trust

12:15 **Silver in early Scotland**

Alice Blackwell, National Museums Scotland

12:40 Lunch served in Events Space and opportunity to view exhibition.

14:00 **From Britain to China - copper alloy use and recycling in the**

**Old World**

Mark Pollard, University of Oxford.

14:25 **Scientific analysis of iron and iron-working debris**

David Dungworth, Heritage Science Solutions

14:50 **Iron in Iron Age Scotland**

Gemma Cruickshanks, National Museums Scotland.

15:15 Tea, coffee and biscuits served in Events Space.

15:45 **What can the Traprain Treasure tell us?**

Lore Troalen, National Museums Scotland

Janet Lang, British Museum.

16:10 **Early gold in Britain and Ireland**

Alison Sheridan, National Museums Scotland

16:35 **Secrets of the Celtic Goldsmith**

Barbara Armbruster, French National Centre for Scientific Research

CNRS Toulouse

17:00 Event close