



**METALLURGY IN
NUMISMATICS**
LIVERPOOL 2022

The University of Liverpool
Arts Faculty Library,
Abercromby Square,
Liverpool and on-line.

April 19th and 20th 2022

Register: hlcevent@liverpool.ac.uk

Program

Time	Name	Title
Tuesday 19th April		
11:30 REGISTRATION		
12:00-13:00 LUNCH		
13:00-13:30	Paul Craddock	Metals and Coins
13:30-14:00	Maria Guerra	On the two sides of the coins: Coin analyses to understand jewellery.
14:00-14:30	Thomas Faucher and Alexandre Bodet	The <i>Frappier Monnaie</i> project: Understanding die productivity in Greek and Roman world.
14:30-15:00	Peter Northover	Metallurgy and the Mechanisation of Minting
15:00-15:30	Patricia Carrizo	Archaeometallurgical and manufacturing procedures: studies of two copper coins dates 1851 and 1853 (OL)
15:30-16:00	Nicola George	Disguising Debasement: Roman Surface Silvering Technologies in the Third-Century AD.
16:00-16:30	George Green	Electron probe analysis of sectioned gold coins from antiquity: implications for cultural heritage research.
16:30-17:00	Jake Morley-Stone	Late Iron Age Coin Pellet Production in Hertfordshire, Britain.

Wednesday 20th April		
10:00-10:30	Naomi Rubinstein	When identity sits on the surface: using pXRF to identify Constantinian copies in Romano-British hoards [AD 330-341]
10:30-11:00	Francis Alberade	New geochemical tools for silver provenance and fluxes
11:00-11:30	Tom Elliot	A critical review of LA-ICP-MS and the analysis of ancient coins
11:30-12:00	Camille Bossavit	Silver coinage production policies of Central Eastern Gaul (IInd-1st centuries B.C.E.) : an analytical overview. (OL)
12:00-12:30	Leisel Gentelli , Gil Davis, Haim Gitler, Janne-Blichert-Toft and Francis Alberade.	The source of 5 th century BCE 'imitation' owls in the Southern Levant. (OL)
12:30-13:00	Fleur Kemmers and Sabine Klein	Standardised or laissez-faire? Bullion characterization and silver fineness of Greek federal coinages (5th-1st centuries BCE)
13:00-14:00 LUNCH		
14:00-14:30	Stephen Merkel , Angela Celauro and Jane Kershaw	Silver, sulfur and salt: Experiments in Early Islamic silver extractive metallurgy
14:30-15:00	Tom Birch , Alex Metcalf and Rasmus Andreasen	Silver of the Abbasids: an investigation into the composition and provenance of North African Islamic dirhams.
15:00-15:30	Arnaud Suspene , Maryse Blet- Lemarquand and Jeremy Artru.	Archaeometrical analyses of Roman silver coins of the Augustan Age through LA-ICP-MS for the program MAN.
15:30-16:00	David Wigg , Sabine Klein and Tim Greifelt	The sources of the metal of Roman denarii – A multi-isotope and elemental analysis approach
16:00-16:30	Adrian Hillier	Non-destructively probing the core composition of coinages of the Mediterranean by using muonic X-ray
16:30-17:00	Matthew Ponting and Kevin Butcher	RACOM and Summing-up

