

Archaeometallurgy Summer School

UCL Institute of Archaeology
29 June - 10 July 2015



Programme:

Week 1 - Bloomery iron smelting: theory and experiment		
Date	Content	Lecturer
29/06	Foundations of bloomery iron smelting - Archaeological examples. - Slag analysis and technological reconstructions.	Mike Charlton
30/06	Experimental iron smelting workshop in Monkton Up Wimborne, Dorset A three-day workshop led by experienced iron smelter Jake Keen. The workshop will focus primarily on the practical aspects of bloomery iron smelting, including ore preparation and roasting, furnace construction, smelting in two types of furnaces (induced and natural draft), slag formation and smithing. Students will be expected to get actively involved in these activities.	Jake Keen, Mike Charlton & Marcos
01/07		Martinón-Torres.
02/07		
Week 2 - Archaeometallurgy in the field and in the lab		
06/07	Archaeometallurgy in the field - Mining technology and smelting sites.	Brigitte Cech
07/07	- Historical sources, field surveys and excavation.	
08/07	Introduction to metallographic analysis	Eleanor Blakelock
09/07	Introduction to portable XRF analysis in archaeometallurgy	Marcos Martinón-Torres
10/07	Ores, metals, crucibles and slag A day handling archaeometallurgical materials from across the world.	Marcos Martinón-Torres

* **Experimental iron smelting workshop logistics:** Departure from London on Tuesday morning, and return on Thursday evening. We will spend the nights at the nearby Church Farm camping site, which has showers, electricity and all necessary facilities. **Students will be expected to bring their camping gear (tent and sleeping bag).** Most of the day activities will take place outdoors, so waterproof clothing and strong boots will be necessary too. Transport, materials and meals during the workshop are included in the registration fee.

Registration is essential and places are limited!

For further information or to register, please visit or contact Tere at maria.plaza.12@ucl.ac.uk

More details at www.ucl.ac.uk/iams