

POST-DOC APPLICANT for Marie Skłodowska-Curie Individual Fellowships (IF-European) in Pleistocene Lithic technology.

GENERAL DESCRIPTION

In IPHES (www.iphes.cat) we are looking for applicants who would like to apply for an IF-European Call to study lithic Pleistocene technologies through the analyses of the gestures in knapping. The goal is to characterize the biomechanics of lithic technology, and the gestural differences among the Oldowan, Acheulean and Mousterian technologies. The study must include experimental protocols and approaches, as well as the use of software programmes devoted to analyse gesture changes and gesture sequences.

The candidate must be familiar with knapping and Pleistocene technologies, for which he/she must have invested at least four years of his/her training in studying Pleistocene archaeological collections. Also, IPHES count with Lower, Middle and Upper Pleistocene lithic assemblages that may be used by the applicant to check and control his/her experimental protocols and analyses.

Researchers interested in applying should send their CV before February 28th to ipasto@iphes.cat indicating in the subject: MSCA Call+ "your name".

Nr. Job Positions: 1 (Full-time temporary contract during two years)

The candidate will join this research by programming and carrying out experimental protocols, and using parametric and non-parametric statistical software programs (i.e. Factor 8.1, Statistica, Past) to analyse gestures units and gesture sequences (i.e. Gsep), and also video-making and editing (i.e. Match-Video Studio, Movie Maker), under the scientific adviser of Marina Mosquera PhD (<https://sites.google.com/site/marinamosquera4/home>) (Bargalló & Mosquera, 2013. *Laterality* 19(1):37-63), Mosquera et al. 2012, *The Scientific World Journal*-514809). She is PI of the Spanish MICIIN and MINECO projects "Arqueomona: La evolución de la cognición humana a través del estudio del comportamiento de humanos y chimpancés (*Pan troglodytes*)" (HAR2009-07223 and HAR2012-32548). Both projects combine chimpanzee and human research to go further in the knowledge of the evolution of human cognition. They involve IPHES resources and Fundación Mona (www.fundacionmona.org) chimpanzees. Currently, Marina Mosquera is preparing an Advance ERC grant for 2014.

RESEARCH FIELDS: Pleistocene lithic technology

CAREER STAGE: Doctoral degree or to have at least four years of full-time equivalent research experience.

RESEARCH PROFILE: Four years (at least) of practice in studying and managing archaeological lithic collections, and medium-good practice on lithic knapping.

This call will be published on 12th March 2014, but for eligibility criteria, please see http://ec.europa.eu/research/horizon2020/pdf/work-programmes/msca_draft_work_programme.pdf

Required language: English