

EAA 2018

BARCELONA,
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REFLECTING FUTURES



Call for submissions to session #597

‘Exploring the potential of dental calculus for reconstructing the past ‘

Organisers:

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In recent years there has been increasing attention on ancient human dental calculus as a reservoir of information on diet, health and metagenomes. Researchers first appreciated the potential of dental calculus as a source of information on life history with the advent of plant micro-remain studies in dental calculus in the 1970s. Although dental calculus was largely overlooked in archaeological research until the 1990s, since then the study into ancient biomolecules trapped within its structure has grown exponentially as researchers increasingly tapped the potential of this near ubiquitous material. A myriad of studies over the last few years have targeted dietary lipids, proteins and aDNA, and metagenomes to explore questions related to diet and microbiology, opening new avenues of research into the life of ancient peoples. In this session, we would like to invite papers presenting new research that uses different scientific techniques to study dental calculus and shed light on past populations. We also invite papers that examine the analytical methodologies applied, and studies on method development and validation. Multidisciplinary approaches to research that incorporate other techniques from archaeological sciences are particularly encouraged.

Please submit your proposal via <https://www.e-a-a.org/EAA2018> until Thursday 15th of February 2018, 23h59 CET