



Modeling Complex Systems in Archaeology

9-10 June 2018 | Knoxville

A DySoC/NIMBioS Critical Workshop

The field of archaeology has long dealt with complex datasets, whether in the collection and analysis of archaeological finds, inter-site comparisons, regional analysis, evolutionary change, or in the framing of research questions which depend on multiple variables, factors, or other sparse and noisy datasets. The popularization of formal methods in the field has resulted in a variety of methods toward addressing these questions, largely borrowed from other fields, which should be subjected to a critical evaluation and discussion. This workshop aims to bring awareness to the variety of techniques, engage in critical comparison and evaluation of the ways in which the tools are used, and examine how we should treat model selection, evaluation, and statistical inference in complex problems in archaeology.

This is an interactive workshop in which participants are expected to present and/or engage in discussion around a specific topic on the first day. The second day will focus on practical implementation of methods, with roundtables and discussions.

Registration Deadline: June 5, 2018. SPACE IS LIMITED.

For more information and the link to register, visit
http://www.nimbios.org/workshops/WS_archaeology

