



**“Digital applications and quantitative methods in
the study of prehistoric art”
Call for papers.**

**Round Table Session, 43rd annual conference on
Computer Applications and Quantitative Methods in Archaeology
Submission Deadline: November 20, 2014
Conference Website: <http://caaconference.org/>**

Recent decades have produced a wide range of exciting methodological developments in the study of prehistoric art. Three-dimensional modeling and imaging of painted/engraved caves provide enhanced opportunities for scientific study and new platforms for sharing protected sites with the public. Digital displays of archaeological sites and museum exhibits allow for broader public engagement with prehistoric art. Detailed renderings of decorative motifs on many materials (cave walls, stone, bone, antler, and ivory) are providing insights into the gestures and techniques used to create works of prehistoric art. Increasingly sensitive dating techniques are refining the chronology of prehistoric art. Non-destructive methods of chemical analysis permit the examination of rare and sensitive works of art.

This session is organized as a round table rather than an oral presentation session. Participation will be limited in order to provide ample discussion time. Participants will be asked to submit in advance a publication or a manuscript in development for discussion at the round table (not necessary for the Nov 20 deadline). Participants will present their methods of analysis in detail, will have the opportunity to pose and respond to questions about these methods, and will engage in broader discussions about established and emerging digital and quantitative techniques. Chronological and geographic area are open, limited only to the pre- and protohistoric.

In closing, participants will reflect upon the implications and challenges of these methods in terms of public engagement, interpretive challenges, and the management, presentation, and preservation of data. We hope that this round table session will provide an opportunity for active discussion of advances and challenges in prehistoric art studies, and welcome submissions from specialists working in a variety of areas and media.

Organizers:

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