

The Warren County History Museum &
Archaeological Institute of America Western Illinois Society Present:

An International Archaeology Day Event

ILLUMINATING THE PAST:

An Application of Data Science to Archaeology

Michael Sostarecz, Professor of Mathematics, Monmouth College



REFRESHMENTS!
& DOOR PRIZES!

Wednesday, October 20th @ 7:30 PM
Warren County History Museum
238 South Sunny Lane, Monmouth

Also on Zoom:
Meeting ID 607 178 8810
Passcode 3xQ8D4



Reflectance Transformation Imaging (RTI) is an imaging technique used to non-invasively bring out surface details on artifacts. This lecture will share improvements on how the data is collected, an original model to combine the experimental images, and new options for post-processing. The artifacts presented will include Greco-Egyptian pottery from the Ashmolean and British Museums, arrow points from Monmouth College's Native American Lithic Collection, and Greek coins from the College's Shields Collection. With a focus on qualitative comparisons to current models for RTI, this presentation will be geared towards a general audience. Planned extensions of the project involve forensic science, dinosaurs, and scuba diving, albeit probably not at the same time.



Scan for more info
about AIA lectures.

