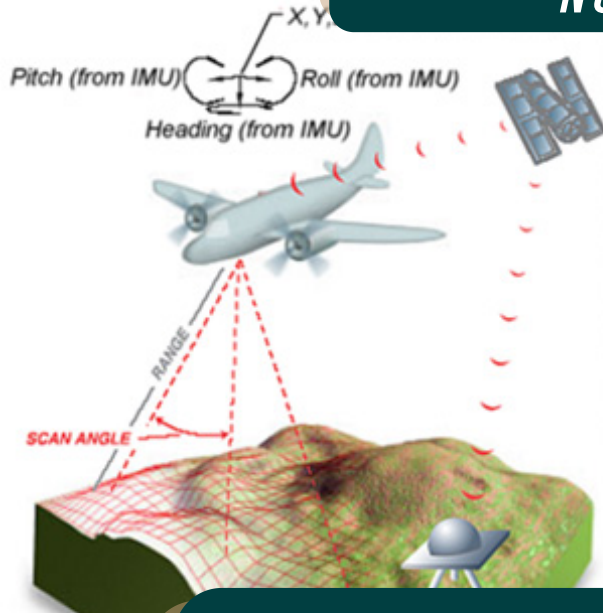


W. BRENT BURGIN LUNCH AND LEARN LECTURE SERIES

Friday, June 27, 2025
Noon



"Laser Beams and Old Maps: Searching Remotely for Archaeology Under Lake Wateree"

James D. Scurry, NASC Research Affiliate,
and Christopher Judge, USC Lancaster Instructor of Anthropology and Archaeology

Light Detection and Ranging (LiDAR), is a remote sensing technology that uses laser light to measure elevations and accurately define the surface of the ground even in highly vegetated conditions. It has been used in Europe and in Central and South America to identify structures and features obscured by trees or agricultural crops. The drawdown of Lake Wateree by Duke Energy provided an excellent opportunity to employ LiDAR to locate potential earthworks, structures and other landform features obscured by the lake since the 1920s.

