



# RTI WORKSHOP

## REFLECTANCE TRANSFORMATION IMAGING (RTI) TAUGHT BY DR. DANIELLE BENNETT

This workshop focuses on RTI, also known as Polynomial Texture Mapping, a type of computational photography used to create a manipulative image that captures the effects of light on the topography of an object. These RTI products allow for users to move their mouse cursor around an object, which changes the light effects as if the object is being moved. Furthermore, RTI allows for enhancement of the digital files through filters and these filters have revealed new details and information about ancient objects. RTI emerged in the early 2000's and since then has gained a wide variety of applications. Most recently, scholars have been applying this technique to the study of worn coins, manufacturing techniques on pottery, and revealing details of faded writing in medieval manuscripts. RTI files can be sent to scholars around the world, used in interactive museum exhibits, or even added to websites. For more information, check out Cultural Heritage Imaging (<http://culturalheritageimaging.org/Technologies/RTI/>).

## THURSDAY, FEB 7, 1 - 3 DIGITAL HUMANITIES CENTER - LA 61