



# Smithsonian Center for Materials Research and Education

## *Topics in Conservation* *Lecture*

### The New Frontier in Digital Photographic Documentation: *Harnessing Spectral Sensitivity*

***Sarah Eleni Pinchin***  
Paintings Conservation  
Fellow, SCMRE

Conservators use non-destructive photographic and lighting techniques to examine and record the condition of collections, combined materials, conservation treatments, and artists' techniques.

In this talk, methods and equipment for on-site digital imaging of museum collections using ultraviolet, visible and infrared radiation will be evaluated.

*Originally presented at the General Session of the American Institute for Conservation of Historic and Artistic Works 33rd Annual Meeting.*

*Project collaborators: Sarah Eleni Pinchin, Jia-sun Tsang (Senior Paintings Conservator, SCMRE); Donald Hurlbert (Photographer/Electronic Imaging Specialist, Smithsonian Photographic Services); Roy Larimer (Owner, Microoptics Inc.)*



*ultraviolet*



*visible*



*infrared*

SCMRE Theater  
Museum Support Center  
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Suitland, MD 20746  
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*July 7, 2005 at 10:45 am*