

R.I.T

*Chester F. Carlson*

College of Science

Center for **IMAGING** SCIENCE

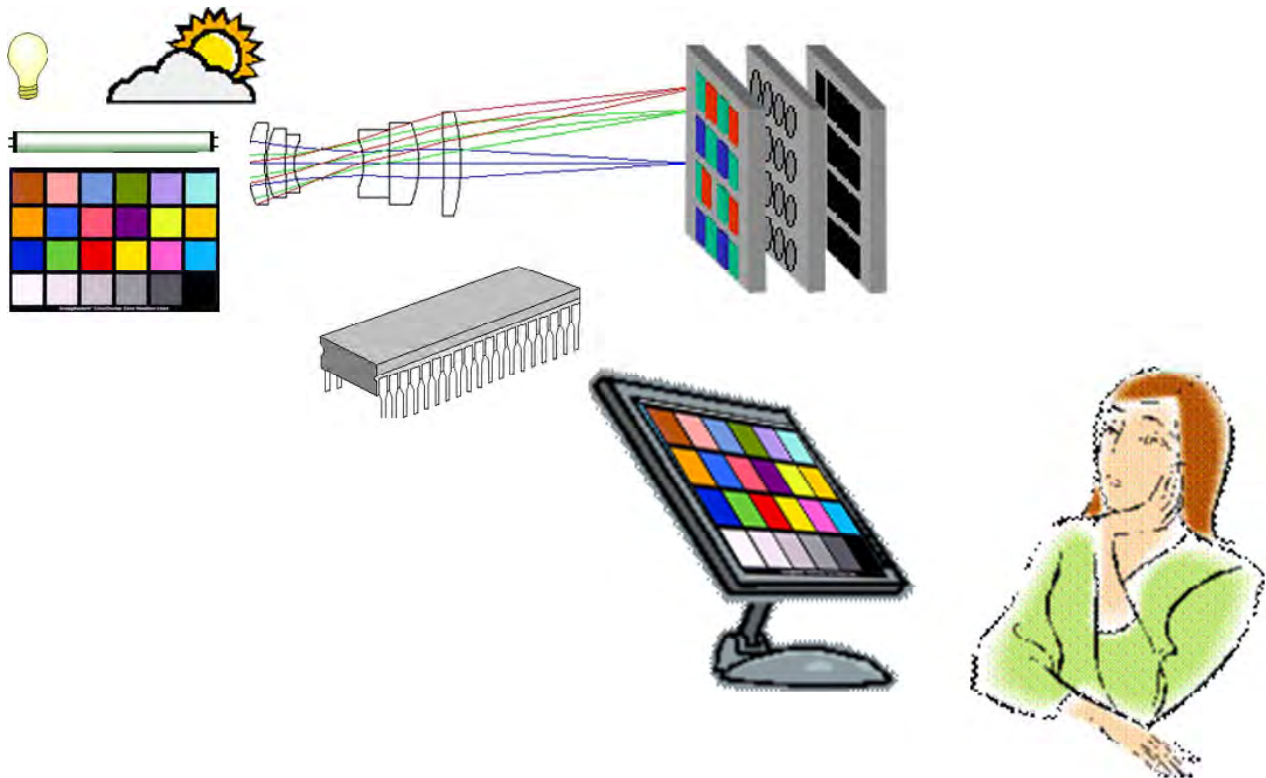
Seminar Series

## Digital Camera Simulation

Joyce Farrell

*Executive Director*

*Stanford Center for Image Systems Engineering*



Customers judge the image quality of a digital camera by viewing the final rendered output. This output depends on the properties of multiple system components including the optical system, imaging sensor, image processor and display device. Described will be an approach to modeling and simulating the complete image processing pipeline beginning with a radiometric description of the scene and ending with a radiometric description of the final image as it appears on an LCD display.

**4pm, Wed, Oct. 22, 2008**

**Auditorium of the Center for Imaging Science**

**[www.cis.rit.edu/seminar](http://www.cis.rit.edu/seminar)**

**for up-to-date seminar schedule, video archives and abstracts.**