

R.I.T.

College of Science

Chester F. Carlson

Center for **IMAGING** SCIENCE

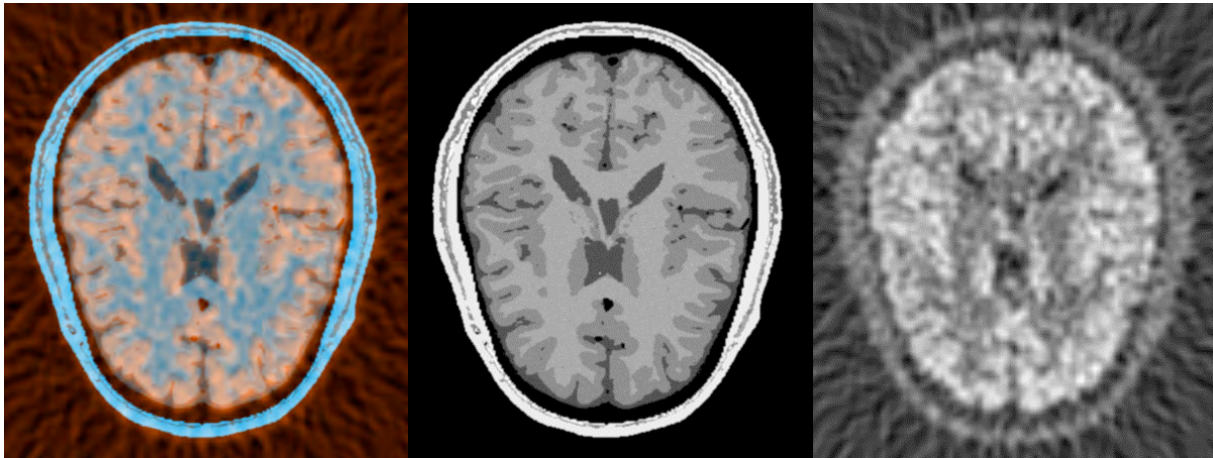
Seminar Series

A Look Inside:

The Latest Developments in Medical Imaging

Maria Helguera

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Rochester Institute of Technology*



The latest efforts toward development of a virtual medical imaging facility will be presented. Digital simulators for PET and MRI have been used to test imaging protocols on synthetic medical images. Results will be presented for brain and breast tissue digital phantoms. Fusion techniques will also be discussed. The research addresses the problem of simultaneous visualization of multidimensional and multispectral image data crucial for improved remote diagnosis and therapy planning.

4pm, Wed, Feb. 4, 2009

Auditorium of the Center for Imaging Science

www.cis.rit.edu/seminar

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