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

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