

Inside the Engineer's Studio

Who: Mr. Frank Demeis

When: 1930-2030, Tuesday, 27 October 2009

Where: Innovation Hall, Room 135

Abstract:

Frank Demeis will be interviewed by Prof. Hintz and students as part of the Introduction to Digital Image Processing class, ECE-537. He will be discussing biomedical cardiac imaging using radionuclide SPECT imaging from a practitioner's perspective. Biomedical imaging will be demonstrated using DICOM formatted images from a standard database utilizing the OsiriX (<http://www.osirix-viewer.com/>) DICOM viewer. This is a free 2D, 3D, and 4D (temporal series) imaging software which is available on for Mac computers with a subset of the viewer available on iPhone.

Brief Bio of Mr. Demeis

Frank Demeis received his Master of Integrative Health Sciences from Capital University of Integrative Medicine which is located in Washington, DC. He also received his Bachelor of Science degree in Medical Technology from Waynesburg College. In addition to his expertise in biomedical imaging, Frank is a Biofeedback specialist with training in hypnosis and functional nutrition. Frank works as a nuclear medical technician associated with the Fairfax cardiologist, Dr. Robert E. Cunnion, MD at Virginia Cardiology.