

EDWARD L. SOLEM

National Physics Consultants, Ltd.

EDUCATION

- 1968 Susquehanna University, Selinsgrove, PA
 B.A. in Physics & Mathematics
- 1994 Case Western Reserve University, Cleveland, OH
 M.S. in Computer Science

EXPERIENCE

- 1983 – 1986 Technicare, Inc., Solon, OH
 Engineer, Project Manager, Systems Design CT, Image Quality S/W MRI
- 1986 – 2006 Plexar Associates, Inc., Solon, OH
 Consultant to most major Diagnostic Imaging Manufacturers
 MRI System Software
 Pulse Sequence Evaluation
 CT Reconstruction Algorithms
 3D Volume Rendering Algorithms
 Image Guided Surgery image importation
 DICOM Laser Camera Interfaces
- 2007 Consulting Radiological Physicist, National Physics Consultants, Ltd.

CERTIFICATIONS AND QUALIFICATIONS

Certified by the American Board of Radiology in Diagnostic Radiologic Physics.
Ohio: Certified Radiation Expert, Diagnostic & Mammography
Kentucky: Radiation Health Physicist
Illinois: Diagnostic Imaging Specialist
Indiana: X-Ray Machine Inspector

PROFESSIONAL AFFILIATIONS

American Association of Physicists in Medicine, Full Member

PRESENTATION & PUBLICATIONS

Society of Magnetic Resonance in Medicine, Poster Presentation on "Warming in Magnetic Resonance Imaging."