

AbstractID: 7998 Title: PET CT Workshop - Accreditation and Quality Assurance

The objectives of this workshop are to provide an overview of the different commercially available PET/CT scanners and to gain the necessary knowledge of PET/CT QC/QA procedures as well as the criteria needed for PET scanner accreditation and acceptance testing. The first objective will be met during the first day whereby three presentations will be provided covering the PET/CT scanner offerings from GE Health Care, Siemens Medical Solutions, and Philips Medical Systems respectively. The presentations will focus on PET scanner design, performance, and capabilities and will be given by respective users of the equipment rather than representatives of the manufacturers. The second objective will be met during the second day of the workshop, whereby four speakers will discuss topics on PET/CT QC/QA procedures, PET NEMA acceptance testing, PET ACR accreditation, and PET site shielding calculations and requirements.