Program Updates

1. Overview of Imaging Science Advisory Committee (ISAC) - Mark A. Rosen, MD, PhD (10 min.)
   a. Charter
   b. Vision
   c. Activity to Date

2. Imaging and Radiation Oncology Consortium (IROC)—Mark A. Rosen, MD, PhD (10 min.)
   a. Role of the Imaging Core Lab in IROC
   b. Status of IROC development: Roles and participating laboratories
   c. Role for an ISAC within IROC

3. Centers for Quantitative Imaging Excellence (CQIE)—Paul E. Kinahan, PhD (15 min.)
   a. CQIE T0 analysis & publication
   b. CQIE in 2014: Where do we go from here?
   c. Automated PET qualification analysis tools
   d. Quantitative Imaging Network (QIN) and CQIE

4. PET Site Qualification: Lessons Learned, Benefits, Value—Joshua Scheuermann, MMP (15 min.)
   a. Simplifying site qualification criteria

Presentations

5. Inter-Reader Variability in Segmentation for glioblastoma multiforme: ACRIN 6677—Daniel Barbioriak, MD, Jayashree Kalpathy-Cramer, PhD (15 min.)

6. Breast Imaging: Diffusion Weighted Imaging: ACRIN 6698 trial structure—Nola Hylton, PhD (20 min.)

7. Cross-Platform Standardization Efforts and Diffusion Weighted Imaging (DWI) Quality Control—Thomas Chenevert PhD, Savannah Partridge, PhD (20 min.)

Presenters Panel Discussion (15min.)
Nola Hylton PhD, Daniel Barbioriak MD, Thomas Chenevert PhD, James R. MacFall, PhD, Savannah Partridge, PhD

1. Based on the data presented, what have we learned about the use of DWI in clinical trials?
2. How do the results help redefine the use of DWI as a biomarker in brain, breast, liver etc.?
3. Strategies for advancing DWI that prospectively help guide how DWI is incorporated into future E-A trials.