Meeting Agenda

7:30 Registration and continental breakfast (30 min)

8:00 Welcome, Introductions, and Announcements (15 min)

8:15 Morning Session I

Joe Steiner – *Navigating a Y-90 radioembolization medical event: Pearls and pitfalls* (45 min)

Andrew Fagan – *Safety Considerations for Clinical 7T MRI* (30 min)

9:30 Morning break and vendor interactions (30 min)

10:00 Morning Session II

David Vail – *The interface between radiation and immunotherapy: investigations in the companion (pet) dog parallel patient population* (45 min)

10:45 NCC-AAPM Business Meeting (30 min)

11:15 Lunch break (60 min)

12:15 Early Career Investigator Competition (60 min)
Abdullah Alshreef – Validation of GAMOS Monte Carlo simulation for Cs-131 brachytherapy source in water, solid water, and brain organs

Emily Koons – Coronary Artery Stent Imaging using Ultra-High-Resolution Photon Counting Detector CT

Mingdong Fan – Channelized Hotelling Observer-based Low-contrast Evaluation for CT Quality Control: Development and Applications

Taylor Froelich - Development of B1 gradient–based techniques for use in MRI

Rukhsora Akramova - Radiomics Features: A Superior Measure of Physician’s Tumor Segmentation Ability Compared to the Dice Coefficient

13:15 Afternoon break and vendor interactions (30 min)

14:15 Afternoon Session

Ke Li – The Essence of Photon Counting X-ray Imaging and Its Benefits to Neuro Interventions (45 min)

Clara Ferreira – Dosimetric aspects and preliminary patient outcomes of GammaTile permanent brain implants (30 min)

15:30 Closing remarks, Awards, and Adjourn

This meeting has applied to CAMPEP for 3.25 hours of MPCEC.