



**Sunday, July 12**

**10:30am – 11:30am**  
SAM Therapy  
Educational Course  
Track 5

**Monitoring, Mitigation, and Impact of Intrafraction Tumor Motion**

*J. Bertholet, B. Jones, J. Lagendijk*

**3:30pm – 4:30pm**  
SAM Therapy  
Educational Course  
Track 5

**TG 203: Implanted Cardiac Devices**

*J. Prisciandaro, D. Mihailidis, M. Miften*

**ePoster Library**

**Improving CBCT Image Quality for Obese Patients Using Unified Scatter Rejection and Correction Method**

*C. Altunbas, Y. Park, B. Miller, B. Kavanagh, M. Miften,*

**Assessing Longitudinal CT Perfusion Changes in Pancreas and Pelvic Node Tumors Treated with SBRT on Prospective Phase I Dose Escalation Trials**

*T. Patton (Recently Graduated Resident), A. Santoso, T. Reinicke, Y. Vinogradskiy, Q. Diot, C. Fisher, K. Goodman, B. Jones*

**CT-Derived Pulmonary Perfusion**

*E. Castillo, R. Castillo, Y. Vinogradskiy, G. Nair, I. Grills, T. Guerrero, C. Stevens*

**Validation of Robust CT-Ventilation Methods**

*E. Castillo, R. Castillo, Y. Vinogradskiy, G. Nair, I. Grills, T. Guerrero, C. Stevens*

**Development of a Pulsed-Accelerator for Short Half Life PET Isotope Production**

*Q. Diot, D. Westerly, M. Miften*

**Automation of Eyeplaque Procedures for Greater Integration and Safety**

*Q. Diot, D. Westerly, M. Miften*

**Effect of X-Ray Irradiation On the Ultrasound Imaging Signal of a Novel Photoacoustic Contrast Agent**

*F. Forghani, A. Mahl, G. Shakya, M. Borden, T. Patton, Y. Vinogradskiy, B. Jones, M. Miften, D. Thomas*

**Tuesday, July 14**

**11:30 AM – 12:30 PM**  
SAM Professional  
Symposium  
Track 6

**Formalizing Professionalism and Soft Skills Training in Residency: Examples From Programs**

*T. Pawlicki, M. Roumeliotis, L. Schubert, K Hendrickson*

**Wednesday, July 15**

**11:30 AM – 12:30 PM**  
Multidisciplinary  
Scientific Session  
Track 2

**Coded Aperture Scatter Imaging for Real-Time, Markerless Tracking of Lung Tumors**

*A. Mahl, B. Miller, C. Altunbas, B. Kavanagh, M. Miften, B. Jones*

**Thursday, July 16**

**10:30 AM – 12:30 PM**  
Multidisciplinary  
Scientific Session  
Track 4

**Lung Functional Avoidance Radiotherapy: Characterizing Spatial Differences Between Ventilation and Perfusion**

*F Forghani, T Patton, D Thomas, Q Diot, C Rusthoven, R Castillo, E Castillo, I Grills, T Guerrero, M Miften, Y Vinogradskiy*