

2023 Fall Meeting Agenda



Thursday, September 21, 2023

| <i>MORNING SESSION</i> | |
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| 7:50-8:00 | FLAAPM President's Welcome Perry Johnson, PhD – University of Florida |
| 8:00-8:30 | The Evolution of Radiation Therapy Dose Fractionation Colin Orton, Ph.D. – <i>Professor Emeritus</i> Wayne State University |
| 8:30-9:15 | Electron Intensity Modulation and its Potential for FLASH Therapy Garrett Pitcher, PhD- Mary Bird Perkins Cancer Center |
| 9:15-10:00 | Clinical Cherenkov Imaging & Quantifying FLASH Radiotherapy effects Brian W Pogue, PhD, FAAPM- University of Wisconsin |
| 10:00-10:15 | <i>Morning Break</i> |
| 10:15-11:00 | An Overview of the Professional Doctorate in Medical Physics Neil A. Kirby - University of Texas HSC San Antonio |
| 11:15-12:00 | SGRT: From Selection to Implementation Adi Robinson, PhD- AdventHealth Orlando |
| 12:00-1:00 | <i>Lunch Break</i> |
| <i>AFTERNOON SESSION</i> | |
| 1:00-2:00 | Impact of Range Uncertainties on the RBE-Weighted Dose in Bilateral Head & Neck Proton Therapy Plan Suresh Rana, Ph.D.- Lynn Cancer Institute, Boca Raton Regional Hospital, Baptist Health South Florida |
| 2:00-2:30 | The Next Frontier of Radiopharmaceuticals Catherine Meyer, PhD- Oregon Health & Science University |
| 2:30-2:45 | <i>Afternoon Break</i> |
| 2:45-3:30 | MR safety for active implant scanning: Experience from over 1,000 cases William F. Sensakovic, PhD, FAAPM- Mayo Clinic |
| 3:30-4:15 | Large Animal Image Guided Surgery Unit Frank J. Bova, PhD, FAAPM- University of Florida |
| 4:15-5:00 | SFGRT Spatially Fractionated Guided Radiation Therapy Ken Cashon, M.S.- AdventHealth Orlando |

Friday, September 22, 2023

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| 8:00-9:00 | Medical Errors Session: Can we do better in medical errors prevention? Zoubir Ouhib, MS, FAAPM, FASTRO, FACR, FABS- FAU |
| 9:00-10:00 | HIV in 2023 Vidhu Kariyawasam, MD – North Florida AIDS Education and Training Center |
| 10:00-10:15 | <i>Morning Break</i> |
| 10:15-10:45 | Using a Deep Learning Model to Predict In Vivo EPID Transit Images To Improve Patient Specific QA Casey E. Bojchko Ph.D.-University of California San Diego |
| 10:15-11:15 | Currently FDA-approved Radiopharmaceutical Therapies and Their Use Nichole Maughan, PhD- Intermountain Health |
| 11:15-12:00 | Artificial Intelligence in Radiation Therapy Xianjin Dai, PhD- Stanford University |

FLAAPM has applied to CAMPEP for accreditation for up to 11 MPCECs for this meeting.