




2022 Spring Meeting Agenda

Thursday, March 10, 2022

TIME	
4:30 PM – 5:30 PM	<i>FLAAPM Board Meeting</i>
6:00 PM – 8:00 PM	<i>Icebreaker Reception (Poolside Deck)</i> Student Posters



Friday, March 11, 2022

TIME	COMBINED MORNING SESSION (BALLROOM C)	
7:00 AM – 8:00 AM	<i>Continental Breakfast (Ballroom B)</i>	<i>Sponsored by</i> 
7:50 AM – 8:00 AM	<i>FLAAPM President's Welcome</i> Debbie Schofield, Ph.D. – AdventHealth Orlando	
8:00 AM – 9:00 AM	<i>KEYNOTE ADDRESS: Medical Physics 3.0, the AAPM, and You</i> Ehsan Samei, Ph.D., AAPM President-Elect – Duke University	
9:00 AM – 10:00 AM	<i>Medical Errors – Safety and High Reliability Imaging</i> Robert Roncska and Karina Coapstick – AdventHealth Orlando	
10:10 AM – 10:30 AM	<i>Coffee Break (Ballroom B)</i>	
TIME	THERAPY MORNING SESSION (BALLROOM C)	DIAGNOSTIC MORNING SESSION (SALON 10)
10:30 AM – 11:00 AM	<i>Shielding Design for a Varian Halcyon</i> Scott Dube, M.S. – BayCare Health System	<i>Beyond CAD – AI in Mammography</i> Cristina Dodge, M.S. – AdventHealth Orlando
11:00 AM – 11:30 AM	<i>The Role of Cherenkov Emission Imaging in the Radiotherapy Clinic</i> Jacqueline Andreozzi, Ph.D. – Moffitt Cancer Center	<i>7 T MRI: Our Initial Experience</i> Xiangzhi Zhou, Ph.D. – Mayo Clinic, Jacksonville
11:30 AM – 12:00 PM	<i>MR in RT: Clinical Experience with Unity</i> Sridar Yaddanapudi, Ph.D. – Mayo Clinic, Jacksonville	<i>The Helical CTDI: How, When, and Why?</i> Stephanie Leon, Ph.D. – University of Florida
12:00 PM – 1:00 PM	<i>Lunch (Ballroom B)</i>	<i>Sponsored by</i> 
TIME	COMBINED AFTERNOON SESSION (BALLROOM C)	
1:00 PM – 1:30 PM	<i>Contextualizing the Deviation Index: An Image-Based Approach</i> Emily Marshall, Ph.D. – University of Chicago	
1:30 PM – 2:00 PM	<i>A Positive Perspective: Advances in Proton Therapy</i> Shannon O'Reilly, Ph.D. – University of Pennsylvania	

2:00 PM – 2:30 PM	<i>Coffee Break (Ballroom B)</i>
2:30 PM – 3:30 PM	<i>HIV Treatment and Prevention in 2022</i> Jennifer Janelle, M.D. – University of Florida/North Florida AIDS Education and Training Center
3:30 PM – 5:00 PM	<i>Student Presentations*</i> Moderator: BC Schwarz, Ph.D. <i>Sponsored by</i> 
5:50 PM – 9:00 PM	<i>Night Out (Sleuth's Mystery Dinner Show – 8267 International Drive, Orlando, FL, 32819)</i>

*see 3rd page of agenda for details

Saturday, March 12, 2022

TIME	MORNING SESSION (BALLROOM C)
7:00 AM – 8:00 AM	<i>Continental Breakfast (Ballroom B)</i> FLAAPM Business Meeting
8:00 AM – 9:00 AM	<i>Diagnostic and Therapeutic Physics: The Line is Disappearing</i> Frank Bova, Ph.D. – University of Florida
9:00 AM – 9:30 AM	<i>PET Scanner Harmonization</i> Robert Pooley, Ph.D. – Mayo Clinic, Jacksonville
9:30 AM – 9:35 AM	<i>Vendor Presentation</i> 
9:35 AM – 10:00 AM	<i>Coffee Break (Ballroom B)</i> <i>Sponsored by</i> 
10:00 AM – 10:30 AM	<i>¹³¹Cs Brachytherapy for CNS – Everything You Wanted to Know But...</i> Vivek Mishra, Ph.D. – Miami Cancer Institute
10:30 AM – 11:00 AM	<i>Regulatory Update – News from the Florida Advisory Council on Radiation Protection</i> Mark Seddon, M.S. – AdventHealth Orlando
11:00 AM – 11:30 AM	<i>Ocular Proton Therapy Program at UFHPTI</i> Maria Mamalui, Ph.D. – University of Florida, Proton Therapy Institute

This meeting will be applying to CAMPEP for approval of 13.5 total MPCEC hours (12 MPCEC hours per Tx/Dx track).

Audio/Visuals for this meeting are kindly sponsored by:



2022 FLAAPM Spring Meeting – Student Presentations

Each year, FLAAPM submits a call for abstracts for students and residents in the state for oral presentations. The Student Affairs Committee of the FLAAPM collects and scores these abstracts, with the top 6 scored abstracts receiving 12 minute oral presentations (3 minutes Q/A) and the other abstracts receiving posters at FLAAPM Spring. The oral presentations are scored by volunteer judges at FLAAPM Spring with the top 3 presentations earning prizes.

1st place – Fitzgerald Award, \$300 award, sponsorship to AAPM Annual Meeting and participation in MedPhys Slam (<https://www.aapm.org/students/MedPhysSlam.asp>)

2nd place – \$200 award

3rd place – \$100 award

TIME	STUDENT PRESENTERS
3:30 PM – 3:45 PM	Feasibility of Novel Low Dose Radiation Treatment of Polymetastatic Disease in Stage IV NSCLS Patients Receiving Systemic Immunotherapy to Improve Response Nour Nasser – University of South Florida; Tampa, FL (via Zoom)
3:45 PM – 4:00 PM	Spectra Optimization and Material Comparison for Contrast-Enhanced Spectral Mammography using CdTe and GaAs Photon Counting-Detectors Colin Schaeffer – University of Florida; Gainesville, FL
4:00 PM – 4:15 PM	Deep Learning Based Cine-MRI Image Prediction in the Abdomen Jingxi Weng – University of Florida; Gainesville, FL
4:15 PM – 4:30 PM	ARTT GRAPPA for Accelerating Magnetic Resonance Spectroscopic Imaging Joseph Weygand – Moffitt Cancer Center; Tampa, FL
4:30 PM – 4:45 PM	Contrast Thresholds for Detection of Various Iodine Concentrations in Subtraction CT and Dual Energy CT Systems Anahita Heshmat – University of Florida; Gainesville, FL
4:45 PM – 5:00 PM	Validation of Peak Skin Dose Calculator using an OSL Dosimeter Array Megan Glassell – University of Florida; Gainesville, FL