

## 2016 Spring Meeting Agenda

**Thursday, April 28, 2016**

5:00-6:00 pm FLAAPM Board Meeting

6:00-8:00 pm Icebreaker Reception




6:00 – 8:00pm	<p><b>Student Posters – Moderator: Charles Shang, M.S., Boca Raton Regional Hospital (CE credits available)</b></p> <p>Shereen Chandrasekara, Florida Atlantic University Assess variation in dose for OARs and importance of immobilization when using SAVI applicators</p> <p>Grant Gibbard, Florida Atlantic University Validation of a novel real time QA device</p> <p>Steve Herchko, Vanderbilt University/Mayo Clinic Jacksonville A simple approach to performing light versus radiation field coincidence quality assurance using an EPID</p> <p>Nathan Quails, University of Florida Retrospective Analysis of Pediatric Head CT Scans</p> <p>Mohammad Sadegh, Florida Atlantic University Investigation of 3 penalty methods for IMRT treatment planning</p>
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**Friday, April 29, 2016**

7:00 – 8:00	<i>Continental Breakfast (Exhibit Area)</i>		
<b>COMBINED SESSION</b>			
8:00-8:45	<p><b>KEYNOTE ADDRESS - The Direction of the AAPM</b> President Elect of AAPM- Melissa Martin, MSc, Therapy Physics, Inc.</p>		
8:45-9:30	<p>AAPM Summer School Sneak Peak: Leadership Academy Bob Pizzutiello, M.Sc., Upstate Medical Physics</p>		
9:30-10:00	<i>Coffee Break – visit the vendors!</i>		
<b>THERAPY SESSION</b>		<b>DIAGNOSTIC SESSION</b>	
10:00-10:45	Kyle Padgett, Ph.D. University of Miami Commissioning of an MR Treatment Machine	10:00-10:45	Manuel Arreola, Ph.D., UF Update on Activities of the UF Radiology Direct Dosimetry and Image Quality Group
10:45-11:15	Charles Shang, M.S., Boca Raton Regional Hospital Cyberknife	10:45-11:15	Izabella Lipnharski, M.Sc., UF Clinical Optimization of CT Protocols Using Post-Mortem Subjects
11:15-12:00	Soon Huh, Ph.D. – UFPTI Use of SpaceOAR for Prostate Radiotherapy	11:15-12:00	Lynn Rill, PhD, UF Expanding Interventional Radiology Dose Tracking and Policies to Hospital Core level
12:00 -1:00	<i>Lunch (Exhibit Area) sponsored by Sun Nuclear Corp.</i>		
<b>PARTNERS in SOLUTIONS Therapy Hands On- Treatment planning automation Moderator: Twyla Willoughby, Ph.D.</b>		<b>DIAGNOSTIC SESSION</b>	
1:00-2:30	Toufik Djemil, Ph.D. – Pinnacle	1:00-1:45	Matthew Hoerner, PhD, UF Experience with Joint-Commission Compliance for SPECT and PET scanners; the Diagnostic Physicist Experience
	Carmen Sawyers, M.S. – RaySearch		
	Martha Matuszak, Ph.D. – Eclipse		
	Over-view/wrap up on Automated planning.	1:45-2:30	Donglai Huo, PhD, UF Bringing existing MRI facilities into compliance with Joint Commission and ACR Safety Guidelines: A story of Success
2:30-2:45	<i>Coffee Break – visit the vendors!</i>		

**Friday, April 29, 2016 (continued)**

2:45-4:45	<p><b>Student presentations</b> - Moderators: David Hintenlang, Ph.D, UF &amp; Elizabeth Bossart, PhD, U of Miami</p> <p>Suraj Khanal, Florida Atlantic University A potential real-time AQA for Cyberknife Cones and MLC based treatments</p> <p>Emily Marshall, University of Florida Computing clinical patient-specific organ doses for pediatric cardiac interventions</p> <p>Catharine Carranza, University of Florida Direct Measurement of organ Doses Resulting from head and cervical spine trauma CT Protocol</p> <p>Stephanie Lewkowitz, Florida Atlantic University Sparse Modeling Applied to Patient Identification for Safety in Medical Physics Treatment</p> <p>Brendan Barraclough, University of Florida Development and Characterization of a Gated Treatment System Implemented with an In-House optical tracking system</p> <p>Casey Curley, Florida Atlantic University Modeling the measurement environment: a dosimetric study for lung stereotactic body radiation therapy patient specific quality assurance</p> <p>Heather Petroccia, University of Florida A Monte Carlo model for calculating out-of-field dose from a cobalt-60 teletherapy unit</p>
4:45 - 10:00pm	<p><b><i>Night Out at La Nouba sponsored by IsoAid</i></b></p> <p>4:45 - 5:15 Cocktails in Vendor Area</p> <p>5:15 Buses begin loading</p> <p>6:00 La Nouba show starts</p> <p>9:30 Last Bus leaves Disney Springs</p> 

**Saturday, April 30, 2016**

7:00-8:00	<p><b><i>Continental Breakfast (Exhibit Area)</i></b></p> <p>FLAAPM Business Meeting</p> <p>Presentation of Fitzgerald Award for outstanding student presentation</p> <p>Presentation of Mauderli Award for lifetime achievement in the field of medical physics in the State of Florida</p>
8:00-8:45	<p>ASTRO/AAPM and ROILS update - Cindy Tomlinson, ASTRO Senior Manager of Security and Safety</p>
8:45-9:30	<p>AAPM State of Government Affairs – Lynn Fairbent, AAPM Senior Manager for Government Relations</p>
9:30-10:00	<p><b><i>Coffee Break – visit the vendors!</i></b></p>
10:00-11:00	<p>Medical Errors - Perry Johnson, Ph.D. , University of Miami</p>
11:00-12:00	<p>HIV/AIDS – Sarah Barbour, M.D., Orlando Health Infectious Diseases</p>