2024 SEAAPM Scientific Meeting  
February 9-10, 2024  
The Pioneering Path: Medical Physicists Shaping the Future of Personalized, Intelligent, and Contemporary Healthcare  
Program Director: Ali Fatemi, PhD MCCPM, SEAAPM President-Elect  
Omni Hilton Head Oceanfront Resort, Hilton Head, SC

Friday, February 9th

12:00-1:00 PM  
Lunch Break  
Visit the Exhibitors

1:00-1:10 PM  
Welcome and Introduction  
Ali Fatemi, PhD MCCPM, Merit Health Central, Jackson, MS

MedPhys Slam

MedPhys Slam Introduction  
Ali Fatemi, PhD, MCCPM, Merit Health Central, Jackson, MS

1:10-1:25 PM  
Feasibility of Reusable Radiochromic Dosimeters  
Kathrin Dowdy, Augusta University, Augusta, GA

Assessment of the Integrated Use of the Varian Identify SGRT Technology with Elekta Linear Accelerator Systems  
India Wood, BS, Wake Forest University School of Medicine, Winston-Salem, NC

Automatic Detection of Suboptimal Breast Positioning in Screening Mammograms Using Neural Networks  
Zachary Whipps, MS, Duke University, Durham, NC

1:25-1:30 PM  
MedPhys Slam Q&A

1:30-2:30 PM  
Keynote Presentation and Q&A  
Beyond 4DCT: It’s About Time!  
Daniel Low, PhD, UCLA, Los Angeles, CA
2:30-2:40 PM  

Afternoon Break

Visit the Exhibitors

3:00 - 3:15 PM

3:15- 3:45 PM

General Session I

Through Two Lenses: Comparing Experiences of TBI Commissioning with Extended SSD and VMAT Techniques  
Gabrielle Seymore, MS, and Sarah Wisnoskie, MS, Novant Health, Forsyth/Kernersville Medical Center, Winston-Salem/Kernersville, NC

Dual Modality, 3D Printed Interstitial Brachytherapy Markers using Unique Metal-Infused Filament Materials  
Paul J. Black, PhD, Wake Forest Baptist Medical Center, Winston-Salem, NC

Upright Imaging and Radiation Therapy— a new paradigm enabling numerous clinical and cost benefits  
Niek Schreuder PhD FAAPM, LEO Cancer Care, TN

4:30-4:40 PM

General Session I Q&A

4:40-5:50 PM

AAPM President Address
AAPM: Medical Physics and You!  
Ehsan Samei, PhD, Past-President, AAPM

5:50-8:00 PM  

Trainee ePoster Session and SEAAPM Social Event

A special thanks to our sponsor of this evening!
Saturday, February 10th

6:30-8:00 AM  Breakfast
Visit the Exhibitors

8:00-8:05 AM  Welcome and Introduction
Ali Fatemi, PhD, MCCPM, Merit Health Central, Jackson, MS

Trainee Presentations
A Technique for Evaluating the Degree of Modulation in Proton Pencil Beam Spot Maps, Bridget Ann Melke, University of Tennessee, Knoxville, TN

8:05-8:35 AM  Improving VMAT PSQA Pass-rate for Small Targets on Ring-Mounted Linac, Enobong Inam MS, Vanderbilt University Medical Center - Hofstra University, Franklin, TN

A pilot virtual imaging trial evaluation of patient intervariability towards the development of personalized imaging protocols in chest CT, Jayasai Rajagopal, PhD, Oak Ridge National Labs, Oak Ridge, TN

8:35-8:45 AM  Trainee Presentations Q&A

8:45-9:00 AM  DREAM Program Presentation and Q&A
Jay Wheeler, Davidson College, Davidson, NC

Professional Session
Medical Physics Education Reform and the Clinical Physicist
Marian Axente, PhD, Winship Cancer Institute | Woodruff Health Sciences Center, Emory, Atlanta, GA

9:35-9:45 AM  Professional Session Q&A

9:45-10:15 AM  Morning Break
Visit the Exhibitors
General Session II

The Use of Image Synthesis Techniques in Target and ROI Delineation in the Upright Position, Niek Schreuder PhD, FAAPM, LEO Cancer Care, TN

A 3D Star Shot, Robert Corns, PhD, East Carolina University, Greenville, NC

3D Printed Ultrasound Phantom for Prostate Brachytherapy Quality Assurance, Todd Jenkins, MS, ECU Health, Greenville, NC

Checking the Checker: A Retrospective Comparison of Calculation-Based Patient-Specific Quality Assurance with Direct Measurements
Jordan Lunsford, BS Wake Forest University, Winston Salem, NC.

Hyperpolarized Media MRI, Jian-xiong Wang, PhD, UAB, Birmingham, AL

General Session II Q&A

Chapter Awards and Recognition
Megan Bright MS, Levine Cancer Institute, Concord, NC

11:45 AM-12:05 PM
Jimmy Fenn Award Recipient Acceptance: Michelle Wells, MS FAAPM
Med Phys Slam Winner Presentation

Presentation by Best Paper Authors
“Early in vivo Radiation Damage Quantification for Pediatric Craniospinal Irradiation Using Longitudinal MRI for Intensity Modulated Proton Therapy”
Chih-Wei Chang, PhD, Emory, Atlanta, GA

12:05-12:25 PM
Presentation Q&A

12:25-12:30 PM

The Chapter Business Meeting will directly follow the Scientific Meeting.

This meeting has applied to CAMPEP for 7 MPCEC hours.

The Southeast Chapter of AAPM would like to acknowledge the support of our sponsors:

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