

SEAAPM 2013 Annual Meeting

April 25 – 28, 2013

Renaissance Asheville Hotel

Asheville, NC

Director:

Allan F. deGuzman, PhD, DABR, FAAPM- Wake Forest University School of Medicine

Abstract

In keeping with the theme of our Symposium, the topic for the 2013 SEAAPM annual meeting is “Tools of Our Trade”. Talks will cover the areas of Acceptance Testing, Commissioning, Routine Quality Assurance, Unique Treatment devices, Education for the proper use of these devices and the question whether these continually advancing devices are necessary for quality radiation treatments.

Target Audience: Medical Physicists, Medical Dosimetrists, Radiation Therapists, and Professionals in radiology, radiation therapy, and nuclear medicine

CAMPEP Credits: Pending MPCEP credits MDCB Credits: 4.5 hours MDCB credits Approved

SATURDAY APRIL 27, 2013

1:00-1:10	Welcome and Introductions Allan F. deGuzman - Wake Forest University School of Medicine - Winston Salem, NC
1:10 - 1:35	Dosimetric Commissioning of a Radiotherapy Couch Benjamin Sintay - Cone Health Cancer Center - Greensboro, NC
1:35 -2:00	Safety considerations concerning time intervals between tests of emergency-stop systems Ivan Brezovich - University of Alabama,Birmingham - Birmigham, AL
2:00- 2:25	3D Diode Array Acceptance Testing and Trend Analysis: Building confidence in 3D QA Technology Caroline Yount - Cone Health Cancer Center - Greensboro, NC
2:25 - 3:15	BREAK
3:15 - 3:40	Quality Assurance Considerations for a Perfexion Model Gamma Knife Allan F. deGuzman - Wake Forest University School of Medicine - Winston Salem, NC
3:40 - 4:05	Quality assurance in radiation therapy delivery during patient treatments utilizing model based portal images from the EPID: Peter M. Mondalek-ROSA of GA-Atlanta. GA
4:05 - 5:50	STUDENT POSTER PRESENTATIONS
6:30 - 9:30	Night-Out at Pack's Tavern

SUNDAY APRIL 28, 2013

8:00 - 8:10	Good morning welcome Allan F. deGuzman - Wake Forest University School of Medicine - Winston Salem, NC
8:10 - 8:40	Tools to assess patient thermal loads during MRI examinations Wlad Sobol - UAB Health System - Birmingham, AL
8:40 - 9:10	The Use of 3D Surface Imaging for More Accurate, Reproducible Radiotherapy Treatments David Wiant - Cone Health Cancer Center - Greensboro, NC
9:10 - 9:55	BREAK
9:55 - 10:25	Systems Theory Principles in Radiation Oncology Technological Systems Integration Randall Miller - NE Georgia Medical Center - Gainesville, GA
10:25 - 10:55	Optimizing CT Image Quality and Dose Management Using Collaborative Clinically Focused Physics Education Perry Sprawls - Emory University - Atlanta, GA
10:55 - 11:25	HDR Plan verification of source position and dose accuracy using a fluence detector Ingrid Marshall - Medical University of South Carolina- Georgetown, SC
11:30 - 12:00	AWARDS CEREMONY
12:00 -1:30	Member Luncheon and Business Meeting
1:30 -2:00	EXCOM Meeting