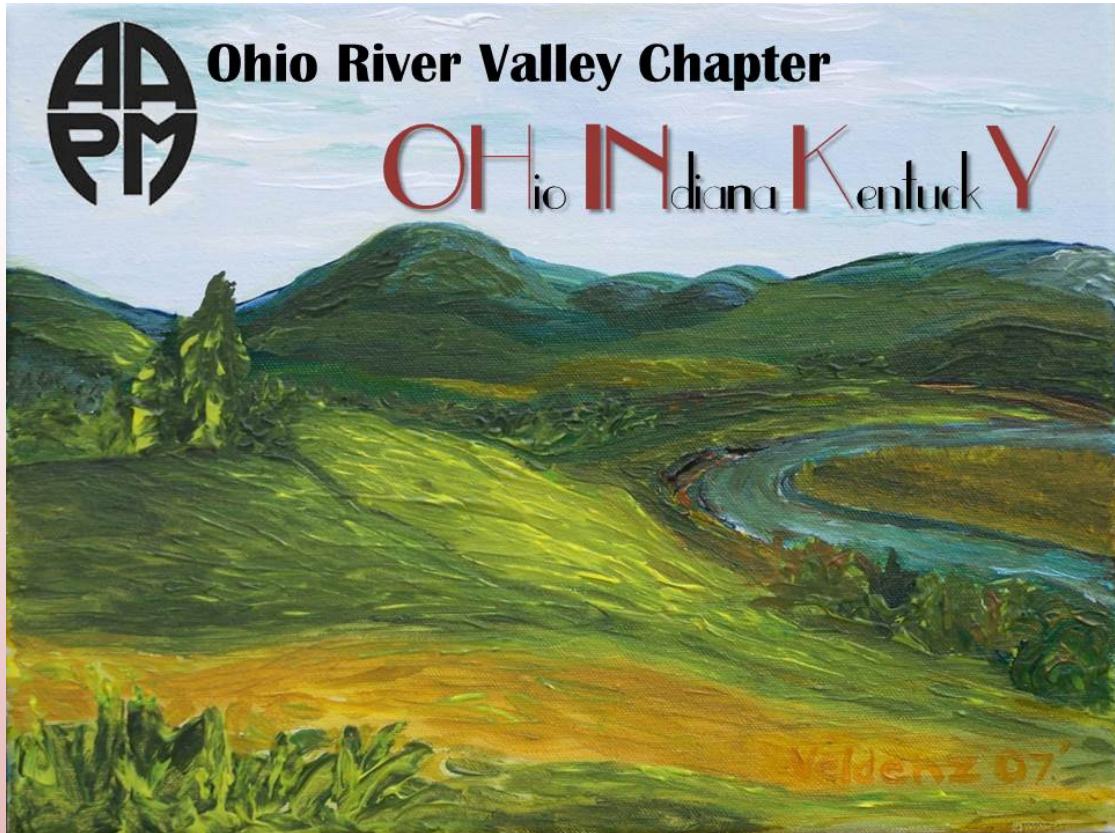


Spring Educational Symposium - 2017



April 14-15, 2017
Griffin Gate Marriott
Resort & Spa
Lexington, KY



Ohio River Valley Chapter

AAPM ORVC Spring 2017 Symposium Program

Friday, April 14 – Griffin Gate Marriott Resort & Spa	
<i>1800 Newtown Pike, Lexington, Kentucky 40511 – (859) 231-5100</i>	
5:00 pm to 7:00 pm	Poster session setup, “Meet & Greet”
	hors d'oeuvres and 2 drinks tickets provided
7:00pm to ~10:00pm	Social event at Shakespeare and Co. Downtown (Bus leaving Griffin Gate Marriott at 7pm, returning at 10pm)
	Lite dinner provided

POSTER PRESENTATIONS FROM SUBMITTED ABSTRACTS:

All posters are welcome. If you did not submit an abstract but would like to present a poster please contact a chapter officer. Please bring posters to the Griffin Gate Marriott Resort & Spa area one hour prior to the meet & greet. Any presenter who was accepted for a presentation is eligible to bring a poster to be displayed from 5-7pm on Friday. Poster boards will be provided.

(Additional posters on display are from the Ohio River Valley Chapter membership at large.)

Learning objectives for attendees:

- To learn about current strategies and future directions pertaining to patient safety in radiation therapy
- To learn about career options and challenges facing new medical physics graduates

3 MPCEC credits and SAM credits have been approved by CAMPEP and ABR.



Ohio River Valley Chapter

Saturday, April 15 – Griffin Gate Marriott Resort & Spa <i>1800 Newtown Pike, Lexington, Kentucky 40511 – (859) 231-5100</i>		
6:30 am - 7:00 am	Vendor Exhibit Setup	
7:00 am - 7:45 am	Breakfast (Provided) / Vendor Exhibits	
7:45 am - 7:55 am	Symposium Launch by AAPM ORVC President <i>Wei Luo, PhD, University of Kentucky Radiation Medicine</i>	
7:55 am - 8:00 am	Opening Remarks by AAPM ORVC President-Elect <i>Peter A. Sandwall II, PhD, TriHealth Cancer Institute, The US Oncology Network</i>	
8:00 am - 12:00 pm (Guest Speakers)	AAPM TG-281 Presentation	
	08:00-08:30	Todd Pawlicki, PhD, University of California at San Diego, "Governance Assessment Project"
	Honorary James G. Kereiakes Keynote Lectures	
	08:30-09:30	Bill Salter, PhD, University of Utah, "SBRT of Lung: Motion Management Considerations"
	09:30-09:45	Coffee Break (Provided) / Vendor Exhibits
	09:45-10:45	Janelle Molloy, PhD, University of Kentucky, "Educational economics and the evolution of Medical Physics education"
	10:45-11:00	Coffee Break (Provided) / Vendor Exhibits
	11:00-12:00	Brent Parker, PhD, University of Texas at Galveston, "Supervision: Who, How, & Why"
12:00 pm-01:00 pm	Lunch (Provided) / Vendor Presentations	
1:00 pm – 4:45 pm	01:00–01:15	Justin Cantley, PhD, Cantley Physics Consulting LLC, "Real-time in vivo dosimetry for SBRT prostate treatment using plastic scintillating dosimetry embedded in a rectal balloon: a case study"
	01:15–01:30	Spenser Murphy, University of Kentucky, "Development of institutional consistency metrics for the prevention of injurious and reportable radiation delivery errors"



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	01:30–01:45	Aleem Qureshi, University of Toledo, “Evaluation of Treatment Planning System dose calculation in small irregular rectangular fields”
	01:45–02:00	Elijah Martin, University of Louisville, “Investigation of a source model for use with a new electronic brachytherapy tandem by film measurement”
	02:00–02:15	Coffee Break (Provided) / Vendor Exhibits
	02:15–02:30	Jeremy Jacobs, University of Kentucky, “Monte Carlo based IMRT dose verification using measured fluence distributions and patient CT data”
	02:30–02:45	William Taylor, Ohio State University, “Characterizing Needle Applicator Displacement for Gynecological High-Dose-Rate Interstitial Treatment”
	02:45–03:00	Yinnan Meng, University of Kentucky, "An Evaluation of IMRT QA Calibration Factor Acquisition Methods Using PTW 729 Ion Chamber Array"
	03:00–03:15	Michael Platt, University of Cincinnati, “Prototype for a 3D Printed Head Immobilization Device for Patient Use in Radiation Oncology”
	03:15–03:30	Coffee Break (Provided) / Vendor Exhibits
	03:30–03:45	Gary Ge, University of Kentucky, “Iterative CT reconstruction kernels: noise characteristics and their differences”
	03:45–04:00	Scott Blake, University of Kentucky, “Tissue Specific Relative Biological Effectiveness Corrected Proton Therapy for Treatments of the Prostate”
	04:00–04:15	Gavin Graeper, Ohio State University, “Clinical Investigation of Intrafraction Motion Review and Auto Beam Hold”
	04:15–04:30	Eric Miller, University of Kentucky, “Spatial biological modeling for treatment planning”
	04:30–04:45	Gongbo Liang, University of Kentucky, “Do image features depend on CT acquisition parameters?”
4:45 pm to 5:00 pm	Coffee Break (Provided) / Vendor Exhibits+ Award Deliberation	
5:00 pm to 5:30 pm	Awards + President’s Closing Comments	
5:30 pm -	Adjournment (Exhibit breakdown at 5:00pm) Business Meeting Immediately Following	



Ohio River Valley Chapter

Exhibitor Acknowledgements

The Ohio River Valley Chapter would like to thank the generous support of the following corporate participants:

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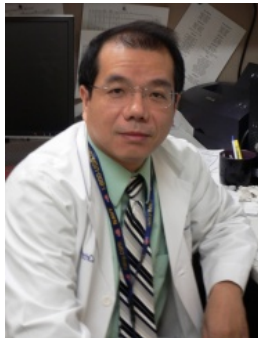
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Notes:



Ohio River Valley Chapter

AAPM ORVC Officers for 2017



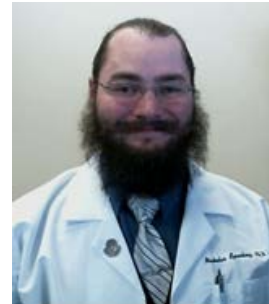
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Russell, KY*