

Ohio River Valley Chapter of the AAPM

2010 Spring Educational Symposium



**March 5th-6th
2010
Cincinnati, Ohio**



Ohio River Valley Chapter

Spring Symposium Agenda

Friday, Mar. 5th - Kingsgate Marriott Hotel

6:00 pm to 7:15pm	Varian Ohio Valley Learning Symposium (Hosted by Varian) Accelerated Partial Breast Irradiation (APBI) Latest Treatment Solutions and Rational
7:15 pm to 10:00 pm	ORVC Meet and Greet Night Out

Saturday, Mar. 6th - Vontz Center, University of Cincinnati

7:30 am to 8:00 am	Vendor setup
8:00 am to 8:45 am	Check-in / Continental Breakfast
8:40 am to 8:45 am	Welcome and Opening Remarks Jian Wang, Ph.D. President, Ohio River Valley Chapter Ohio State University, James Cancer Hospital
8:45 am to 10:00 am	James G. Kereiakes Keynote Lecture Introduction of James G. Kereiakes Keynote Lecture and Keynote Speaker Keynote address: IMAT: Principles and Historic Perspectives <i>Cedric Yu, DSc, FAAPM</i> <i>University of Maryland</i>
10:00 am to 10:15 am	A margin expansion analysis of the CyberKnife Synchrony model for lung tumor motion prediction <i>Eric Pepin</i> <i>Purdue University</i>
10:15 am to 10:30 am	Impact/effect of respiratory motion in proton beam therapy with uniform scanning <i>Qingya Zhao</i> <i>Purdue University</i>
10:30 am to 11:00 am	Coffee Break/ Vendor Exhibits
11:00 am to 11:15 am	Comparison of Positional Accuracy for kVkv, kVMV, and CBCT OBI for Cranial Localization <i>Hirotsu Armstrong</i> <i>University of Cincinnati</i>
11:15 am to 11:30 am	Thin film CdTe photovoltaic detector performance under diagnostic X-ray beams <i>Xiance Jin</i> <i>University of Toledo</i>



Ohio River Valley Chapter

11:30 am to 11:45 am	CT-based Target Delineation versus Surface Anatomy Marker Method in Breast Cancer Radiation Therapy: Impact on Boost Volume Coverage <i>Saveliy Belkin</i> <i>Ohio State University</i>
11:45 am to 12:00 pm	Dose to Contralateral Breast: A Comparison of Traditional LinAc and Tomotherapy Techniques <i>Tenia M. Fountain</i> <i>University of Cincinnati</i>
12:00 pm to 1:00 pm	Lunch Break / Vendor Exhibits Box Lunch Provided
1:00 pm to 1:15 pm	Evaluation of three IMRT QA techniques to detect MLC positioning errors <i>Andrew Bergan</i> <i>University of Cincinnati</i>
1:15 pm to 1:30 pm	How Early Can We Predict the Outcome for Cervical Cancer during Radiation Therapy? <i>Zhibin Huang, PhD</i> <i>Ohio State University</i>
1:30 pm to 1:45 pm	Dosimetric Comparison of Three Multi-Lumen Brachytherapy Applicators with the Original MammoSite® Balloon Used in Partial Breast Irradiation (PBI) <i>Jordyn Detwiler</i> <i>University of Toledo</i>
1:45 pm to 2:00 pm	Evaluation of Respiratory Gating of ROI Definition on the Accuracy of SUV in F¹⁸-FDG PET Imaging <i>Katherine Magat</i> <i>University of Cincinnati</i>
2:00 pm to 2:15 pm	Statistical/Mathematical Prediction Model for Lung Tumor Motion <i>Poonam S. Verma</i> <i>IUPUI</i>
2:15 pm to 2:35 pm	Brief Break / Judge Deliberation
2:35 pm to 3:00 pm	Award Ceremony / Business Meeting



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ACKNOWLEDGEMENTS

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