



Ohio River Valley and Penn-Ohio Chapters

Fall Symposium Agenda

Friday, October 2 nd , 2009	
11:00 am to 12:00pm	Vendor Setup
12:00 pm to 12:50 pm	Check-In / On-Site Registration
12:50 pm to 1:00 pm	Welcome and Opening Remarks Greg Bednarz, Ph.D. President-Elect, Penn-Ohio Chapter, University of Pittsburg Cancer Institute
1:00 pm to 1:50 pm	Invited Talk: Application of risk-based analysis methods to radiotherapy quality management M. Saiful Huq, Ph.D. University of Pittsburg Cancer Institute
1:50 pm to 2:40 pm	Invited Talk: A Priori Determination of Dose Uncertainties in IMRT Planning and Delivery Jatinder Palta, Ph.D. University of Florida Health Science Center
2:40 pm to 3:10 pm	Vendor Sponsored Technical Talk/BrainLab Commissioning and clinical use of the Novalis TX for SRS and SBRT treatments Indrin Chetty, Ph. D. Henry Ford Hospital
3:10 pm to 3:55 pm	Coffee Break/Vendor Exhibits
3:55 pm to 4:45 pm	Invited Talk: Transitioning from 3D IMRT to 4D IMRT and Role of Image-Guidance Ping Xia, Ph.D. Cleveland Clinic Foundation
4:45 pm to 5:15 pm	Vendor Sponsored Technical Talk Optically Stimulated Luminescence (OSL) Dosimetry in Medical Physics Clifford J. Yahnke, Ph.D. Landauer, Inc.
5:15 pm to 5:30 pm	Improvement of 4D PET using deformable image registration. Darek Michalski, Ph.D. University of Pittsburgh Cancer Institute, Penn-Ohio Chapter
5:30 pm to 5:45 pm	Dosimetric effect of intrafraction tumor motion on gated lung SBRT Bo Zhao, Ph.D. University of Pittsburgh Cancer Institute, Penn-Ohio Chapter
5:45 pm to 6:00 pm	Acceptance and Commissioning of a Novel Ionizing Radiation Emitting Isotope Hospital Detection and Notification System Suitable for Use in Radiation Counter-Terrorism. Kim Jong, Ph.D. University of Pittsburgh Cancer Institute, Penn-Ohio Chapter
6:00 pm to 7:00 pm	Drinks/Snacks at Vendor Exhibits / followed by a dinner at Tony's Italian Ristorante (optional)



Ohio River Valley and Penn-Ohio Chapters

Saturday, October 3 rd , 2009	
7:00 am to 8:00 am	Continental Breakfast
8:00 am to 8:10 am	Welcome and Opening Remarks Jian Wang, Ph.D. President-Elect, Ohio River Valley Chapter Ohio State University, James Cancer Hospital
8:10 am to 9:00 am	Invited Talk: The failure mode and effects analysis for IGRT – the patient factor. Lei Dong, Ph.D. UT MD Anderson Cancer Center
9:00 am to 9:15 am	Dosimetric evaluation of inter-fractional setup uncertainty on prostate treatment in proton therapy Li Zhao, Ph.D. Midwest Proton Radiotherapy Institute, Ohio River Valley Chapter.
9:15 am to 9:30 am	International calibration survey of the Leksell Gamma Knife small radiosurgery fields – project design and first results Josef Novotny, Ph.D. University of Pittsburgh Cancer Institute, Penn-Ohio Chapter
9:30 am to 9:45 am	Onset time of tumor repopulation for cervical cancer – first evidence from clinical data. Zhibin Huang, Ph.D. Ohio State University, Ohio River Valley Chapter
9:45 am to 10:30 am	Coffee Break/ Vendor Exhibits
10:30 am to 11:20 am	Invited Talk: Closing the loop of IMRT/IMAT QA: dose reconstruction based on treatment cone-beam CT. Lei Xing, Ph.D. Stanford University School of Medicine
11:20 am to 11:35 am	AAPM New Professionals Subcommittee Minsong Cao, Ph.D. Indiana University School of Medicine Ohio River Valley Chapter
11:35am to 12:05 pm	Vendor Sponsored Technical Talk New Plan QA Solutions from SunNuclear Dennis Savitskij Sun Nuclear
12:00 pm to 12:30 pm	Box Lunch Provided
12:30 pm to 1:20 pm	Invited Talk: Recent Developments of a linac-MR system for real-time guided radiotherapy Gino Fallone, Ph.D. Cross Cancer Institute, University of Alberta, Edmonton , Canada
1:20 pm to 1:35 pm	Concluding Remarks Greg Bednarz, Ph.D. President-Elect, Penn-Ohio Chapter University of Pittsburgh Cancer Institute
1:35 pm to 2:05 pm	ORV Business Meeting / Penn-Ohio Business Meeting / Vendor Tear Down