

**\*\*\* Announcement \*\*\***

**American Association of Physicists in Medicine**

**Penn-Ohio Chapter**

**2008 FALL SYMPOSIUM**

(Application is underway for CAMPEP Medical Physics Continuing Education Credits.)

**Starting Friday October 24 at 12:00 PM**

**thru**

**Saturday October 25 at ~1:30**

**Westin Convention Center Hotel**

**1000 Penn Avenue**

**Pittsburgh, PA**

**<http://www.starwoodhotels.com/westin/index.html>**

**Phone (412) 281-3700**



## Schedule

### Friday, October 24, 2008: Proffered Presentations

- 12:00      Registration
- 1:00      Chapter business meeting, Allan Wilkinson
- 1:30      F1: *An Image-Domain based Scatter Correction Method for KV and MV Cone Beam CT*, Xiang Li, UPMC
- 1:50      F2: *Geometric and Dosimetric Accuracy Analysis of Kilovoltage Cone-Beam Computed Tomography (kv CBCT) Guided Stereotactic Intensity Modulated Radiosurgery*, Yong Yang, UPMC
- 2:10      F3: *Imaging with Treatment Beam*, Tiangfang Li, UPMC
- 2:30      F4: *Image-Guided Respiratory-Gated Lung Stereotactic Body Radiotherapy: Which Target Definition is Optimal*, Bo Zhao, UPMC
- 2:50      F5: *Semi-Automatic Segmentation with Image Registration*, Darek Michalski, UPMC
- 3:10      Break at Commercial exhibits
- 3:40      F6: *Cautionary Remarks on 4DCT and Respiratory Motion Management*, Yildirim Mutaf, UPMC
- 4:00      F7: *A novel integrated approach for individualizing beam directions and motion management*, Olivier Gayou, AGH
- 4:20      F8: *Daily CBCT as an Important Tool for IMRT Uterine Irradiation*, Stephen Gajdos, CCF
- 4:40      F9: *Siemens Artiste: An Overview, Not a Sales Presentation*, Mike Ohm, CCF
- 5:00      Commercial exhibits
- 7:00      Dinner at the Sonoma Grill across the street from the Westin,  
<http://www.thesonomagrille.com>

**Saturday, October 25, 2008: Invited Presentations**

**Theme: Systems Not Yet in (North American) Clinics**

- 7:30 Continental breakfast
- 8:00 S1: *The Next Generation of Tools for 4D Planning and Delivery and their Interaction with an EMR*, Nick Linton, IMPAC/Computerized Medical Systems
- 9:00 S2: *Design features incorporated within Varian's Proton Therapy System*, Jan Timmer, Varian
- 10:00 Break at Commercial Exhibits**
- 10:30 S3: *The Physics and Engineering of a Big-Bore PET/CT*, Jeff Kolthammer, Philips Healthcare
- 11:30 S4: *A Dielectric linear Accelerator for Particle Therapy*, Gustavo Olivera, Tomotherapy and Compact Particle Acceleration Corporation
- 12:30 Lunch & Panel Discussion, Saturday's Speakers and everyone else**
- 1:30 Closing remarks, Allan Wilkinson