*** 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

[Website link]

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**

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