

# 2005 SEAAPM Annual Meeting

**Program Director: Perry Sprawls, Ph.D.**

Coordinator: George David, Secretary

**Saturday, March 5, 2005**

*Charleston, South Carolina*

The SEAAPM expresses our sincere thanks to the following for their generous sponsorship of the SEAAPM in 2005:

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## Saturday, March 5, 2005

7:30 AM - 8:00 AM	<b>Continental Breakfast</b>	
8:00 AM - 8:15 AM	<b>Performance of a 4-panel Flat Panel CT Scanner</b>	Jeffrey Eberhard
8:15 AM - 8:45 AM	<b>Quality Management is an Engineering Problem</b>	George Sherouse, Ph.D.
8:45 AM - 9:30 AM	<b>Image Guided Therapy I: Imaging for treatment planning</b> <ol style="list-style-type: none"><li>1. History and overview.</li><li>2. Biological imaging in treatment planning.</li><li>3. Imaging for gated delivery.</li><li>4. 4-D CT for determination of respiratory induced motion.</li></ol>	Ivan A. Brezovich, PhD Richard A. Popple, PhD Sui Shen, PhD Xingen Wu, PhD
9:30 AM - 9:45 AM	<b>Our Medical Physics Heritage: How We Would Have Done It...A Hundred Years Ago!</b>	Perry Sprawls, Ph.D.
9:45 AM - 10:30 AM	<b>Morning Break in Commercial Exhibit Area</b>	

10:30 AM – 11:15 AM	<b>Image Guided Therapy II: Imaging for treatment delivery</b> <ol style="list-style-type: none"> <li>1. Target localization using implanted fiducial markers.</li> <li>2. An integrated kV imaging system for external beam radiotherapy.</li> <li>3. Image-guided helical tomotherapy.</li> </ol>	Richard A. Popple, PhD Anna Sutter, MS Jun Duan, PhD
11:15 AM – 12:00 PM	<b>The Medical Physicist in the PACS Environment</b>	Richard Morin, Ph.D.
12:00PM - 1:45PM	<b>Lunch and Business Meeting</b>	
1:45PM – 2:15PM	<b>Awards and Best Publication Presentation</b>	
2:15PM – 3:00 PM	<b>Breast Imaging Update: A Physics Perspective</b>	Andrew Karellas, Ph.D.
3:00PM – 3:30 PM	<b>Medical Physics Graduate Programs in the Southeast</b> <ol style="list-style-type: none"> <li>1. Wake Forest University</li> <li>2. Duke University</li> <li>3. Georgia Institute of Technology</li> </ol>	Mike Munley, Ph.D. Tim Turkington, Ph.D. Farzad Rahnema, Ph.D.
3:30PM - 4:00PM	<b>Afternoon Break in Commercial Exhibit Area</b>	
4:00PM - 5:00PM	<b>Professional Issues</b> <ol style="list-style-type: none"> <li>1. Direct Billing.</li> <li>2. Direct Billing</li> <li>3. The CARE Bill.</li> </ol>	Ivan A. Brezovich, PhD Donald Frey, Ph.D. Kenneth Vanek, Ph.D.
	<b>Adjourn</b>	